JOURNAL OF OPERATIONS MANAGEMENT
Vol. 8, No. 4, October 1989

Index to Volumes 1-8 (1980-1989)

Author Listing

ABERNATHY, WILLIAM J., and JOHN E. CORCORAN. **Relearning from the Old Masters: Lessons of the American System of Manufacturing.** Vol. 3, no. 4 (August 1983), 155-167.

ADAM, EVERETT E., JR. **Operations Change Interactions in a Service Environment: Attitudes, Behaviors, and Profitability.** Vol. 2, no. 1 (October 1981), 63-76.

ADAM, EVERETT E., JR., see also Connell, Bertrum C.

ADLAKHA, VEENA, and KALYAN SINGHAL. **Service Levels for Priority and Nonpriority Products with a Common Component.** Vol. 7, no. 3 (December 1988), 73-76.

AGGARWAL, SUMER C. **Materials Management: The Key Is People Management (Five Brief Case Histories).** Vol. 6, no. 1 (November 1985), 43-49.

AMOAKO-GYAMPAH, KWASI, and JACK R. MEREDITH. **The Operations Management Research Agenda: An Update.** Vol. 8, no. 3 (August 1989), 250-262.

AMOAKO-GYAMPAH, KWASI, see Meredith, Jack R.

ANDERSON, JOHN C., GARY CLEVELAND, and ROGER G. SCHROEDER. **Operations Strategy: A Literature Review.** Vol. 8, no. 2 (April 1989), 133-158.

ANDERSON, JOHN C., see also Schroeder, Roger G.; White, Edna M.

APPEL, LEONARD B., see Green, Gary I.

AQUILANO, NICHOLAS J., and DWIGHT E. SMITH-DANIELS. **A Formal Set of Algorithms for Project Scheduling with Critical Path Scheduling/Material Requirements Planning.** Vol. 1, no. 2 (November 1980), 57-67.

AQUILANO, NICHOLAS J., see also Smith-Daniels, Dwight E.

ARAS, OMER A., and LLOYD A. SWANSON. **A Lot-Sizing and Sequencing Algorithm for Dynamic Demands upon a Single Facility.** Vol. 2, no. 3 (May 1982), 177-185.

ARNETT, GARY W., see Clark, Thomas D.

ARONSON, JAY E. **Two Heuristics for the Deterministic, Single Operator, Multiple Machine, Multiple Run Cyclic Scheduling Problem.** Vol. 4, no. 2 (February 1984), 159-173.

ARONSON, JAY E. **A Natural Starting Strategy for Aronson's Heuristic 1 for Solving the Deterministic, Single Operator, Multiple Machine, Multiple Run Cyclic Scheduling Problem.** Vol. 7, no. 1 (October 1987), 87-90.

ASKIN, RONALD G., and M. RAGHAVAN. **The Effect of Lot Sizing on Workload Variability.** Vol. 4, no. 1 (November 1983), 53-71.

AUCAMP, DONALD C., and ROBERT L. BARRINGER. **A Table for the Calculation of Safety Stock.** Vol. 7, no. 2 (October 1987), 153-163.

BAGCHI, UTTARAYAN, JACK C. HAYYA, and CHAO-HSIEN CHU. **The Effect of Lead-Time Variability: The Case of Independent Demand.** Vol. 6, no. 2 (February 1986), 159-177.

BAHL, HARISH C., and LARRY P. RITZMAN. **An Empirical Investigation of Different Strategies for Material Requirements Planning.** Vol. 3, no. 2 (February 1983), 67-77.

BAILEY, JAMES, and JOHN FIELD. **Personnel Scheduling with Flexshift Models.** Vol. 5, no. 3 (May 1985), 327-338.

BAKER, KENNETH R. **The Effects of Input Control in a Simple Scheduling Model.** Vol. 4, no. 2 (February 1984), 99-112.

BAKER, KENNETH R. **Safety Stocks and Component Commonality.** Vol. 6, no. 1 (November 1985), 13-22.
BAKER, KENNETH R., and J.W.M. BERTRAND. **An Investigation of Due Date Assignment Rules with Constrained Tightness.** Vol. 1, no. 3 (February 1981), 109-120.
BAKER, KENNETH R., and J.W.M. BERTRAND. **A Dynamic Priority Rule for Scheduling against Due Dates.** Vol. 3, no. 1 (November 1982), 37-42.
BAKER, KENNETH R., and JOHN J. KANET. **Job Shop Scheduling with Modified Due Dates.** Vol. 4, no. 1 (November 1983), 11-22.
BALLOU, DONALD P., and JOHN C. FISK. **Queue Control Using a Historically Developed Stochastic Model.** Vol. 3, no. 2 (February 1983), 99-103.
BALLOU, RONALD H. **Estimating and Auditing Aggregate Inventory Levels at Multiple Stocking Points.** Vol. 1, no. 3 (February 1981), 143-153.
BALLOU, RONALD H. **DISPLAN: A Multiproduct Plant/Warehouse Location Model with Nonlinear Inventory.** Vol. 5, no. 1 (August 1984), 75-90.
BARD, JONATHAN F. **An Assessment of Industrial Robots: Capabilities, Economics, and Impacts.** Vol. 6, no. 2 (February 1986), 99-124.
BARRINGER, ROBERT L., see Aucamp, Donald C.
BAYBARS, ILKER. **On "Currently Practiced Formulations of the Assembly Line Balance Problem."** Vol. 5, no. 4 (August 1985), 449-453.
BECHTOLD, STEPHEN E. **Work Force Scheduling for Arbitrary Cyclic Demands.** Vol. 1, no. 4 (May 1981), 205-214.
BECKMAN, SARA L., see Kropp, Dean H.
BENTON, W.C., and D. CLAY WHYBARK. **Materials Requirements Planning (MRP) and Purchase Discounts.** Vol. 2, no. 2 (February 1982), 137-143.
BENTON, W.C., see also King, Barry E.
BERMAN, ODED, and CELIK PARKAN. **Sequential Facility Location with Distance-dependent Demand.** Vol. 2, no. 4 (August 1982), 261-268.
BERNARDO, JOHN J., and KUN-SI LIN. **Scheduling Independent Jobs on Nonuniform, Unequal Processors.** Vol. 4, no. 4 (August 1984), 305-313.
BERRY, WILLIAM L., THOMAS G. SCHMITT, and THOMAS E. VOLLMANN. **Capacity Planning Techniques for Manufacturing Control Systems: Information Requirements and Operational Features.** Vol. 3, no. 1 (November 1982), 13-25.
BERTRAND, J.W.M. **The Use of Workload Information to Control Job Lateness in Controlled and Uncontrolled Release Production Systems.** Vol. 3, no. 2 (February 1983), 79-92.
BERTRAND, J.W.M., see also Baker, Kenneth R.
BITRAN, GABRIEL R., DAVID M. MARIENI, HIROFUMI MATSUO, and JAMES W. NOONAN. **Multiplant MRP.** Vol. 5, no. 2 (February 1985), 183-203.
BLACKBURN, JOSEPH D., and ROBERT A. MILLEN. **The Impact of a Rolling Schedule in a Multi-Level MRP System.** Vol. 2, no. 2 (February 1982), 125-135.
BLACKBURN, JOSEPH D., and ROBERT A. MILLEN. **A Methodology for Predicting Single-Stage Lot-Sizing Performance: Analysis and Experiments.** Vol. 5, no. 4 (August 1985), 433-448.
BLACKSTONE, JOHN H., see Fry, Timothy; see also Jesse, Richard R., Jr.
BLAIR, JOHN D., and KENNETH D. RAMSING. **Quality Circles and Production/Operations Management: Concerns and Caveats.** Vol. 4, no. 1 (November 1983), 1-10.
BOBROWSKI, PAUL M., see Park, Paul Sungchil.
BOE, WARREN J., see Denzler, David R.
BOOKBINDER, JAMES H., and BAK-TEE H'NG. **Production Lot Sizing for Deterministic Rolling Schedules.** Vol. 6, no. 3 (May 1986), 349-362.
BOTT, KEVIN N., and LARRY P. RITZMAN. **Irregular Workloads with MRP Systems: Some Causes and Consequences.** Vol. 3, no. 4 (August 1983), 169-182.
BREGMAN, ROBERT L., LARRY P. RITZMAN, and LEE J. KRAJEWSKI. **A Heuristic Algorithm for**

Managing Inventory in a Multi-Echelon Environment. Vol. 8, no. 3 (August 1989), 186-208.
BRITNEY, R.R., P.J. KUZDRALL, and N. FARTUCH. **Full Fixed-Cost Recovery Lot Sizing with Quantity Discounts.** Vol. 3, no. 3 (May 1983), 131-140.
BUFFA, ELWOOD S. **Research in Operations Management.** Vol. 1, no. 1 (August 1980), 1-7.
CARDINAL, CLAUDE, see Ouellet, Roch.
CARLSON, ROBERT C., see Kropp, Dean H.
CARTER, JOHN C., and FRED N. SILVERMAN. **A Cost-effective Approach to Stochastic Line Balancing with Off-Line Repairs.** Vol. 4, no. 2 (February 1984), 145-157.
CECIL, EARL A., see Ebert, Ronald J.
CHANG, C. ALEC. **The Interchangeability of Safety Stocks and Safety Lead Time.** Vol. 6, no. 1 (November 1985), 35-42.
CHARALAMBIDES, LEONIDAS C. **Shared Capacity Resource Reallocation in a Decentralized Service System.** Vol. 5, no. 1 (August 1984), 57-74.
CHARNETSKI, J.R. **Scheduling Operating Room Surgical Procedures with Early and Late Completion Penalty Costs.** Vol. 5, no. 1, 91-102.
CHASE, RICHARD B. **A Classification and Evaluation of Research in Operations Management.** Vol. 1, no. 1 (August 1980), 9-14.
CHIANG, DALEN T., see Chung, Chia-shin.
CHOI, HOO-GON, ERIC M. MALSTROM, and RONALD J. CLASSEN. **Computer Simulation of Lot-Sizing Algorithms in Three-Stage Multi-Echelon Inventory Systems.** Vol. 4, no. 3 (May 1984), 259-277.
CHONG, PHILIP. **A Dispute on James R. Evans' "An Efficient Implementation of the Wagner-Whitin Algorithm for Dynamic Lot Sizing."** Vol. 7, no. 1 (October 1987), 27-31.
CHONG, PHILIP S., and MICHAEL W. STREVELL. **A Vacation Scheduling Algorithm for Military Flight Crews: Maximizing Satisfaction While Maintaining Military Preparedness.** Vol. 5, no. 2 (February 1985), 205-211.
CHU, CHAO-HSIEN, see Bagchi, Uttarayan.
CHUNG, CHIA-SHIN, DALEN T. CHIANG, and CHENG-YI LU. **An Optimal Algorithm for the Quantity Discount Problem.** Vol. 7, no. 2 (October 1987), 165-177.
CHUNG, CHEN-HUA, and LEE J. KRAJEWSKI. **Planning Horizons for Master Production Scheduling.** Vol. 4, no. 4 (August 1984), 389-406.
CLARK, THOMAS D., JR., GARY W. ARNETT, and NICHOLAS W. REYBROCK. **The Use of Simulation in System Design: A Case Study Using the Precision Location Strike System.** Vol. 6, no. 3 (May 1986), 363-379.
CLASSEN, RONALD J., see Choi, Hoo-gon.
CLEVELAND, GARY, see Anderson, John C.; see also Schroeder, Roger G.
COHEN, MORRIS A., and ROBERT M. HALPERIN. **Optimal Technology Choice in a Dynamic-Stochastic Environment.** Vol. 6, no. 3 (May 1986), 317-331.
COLLIER, DAVID A. **A Comparison of MRP Lot-Sizing Methods Considering Capacity Change Costs.** Vol. 1, no. 1 (August 1980), 23-29.
COLLIER, DAVID A. **Research Issues for Multi-Level Lot Sizing in MRP Systems.** Vol. 2, no. 2 (February 1982), 113-123.
CONNELL, BERTRUM C., EVERETT E. ADAM, JR., and AIMEE N. MOORE. **Aggregate Planning in Health Care Food Service Systems with Varying Technologies.** Vol. 5, no. 1 (November 1984), 41-55.
COOK, RANDALL L., see Schmenner, Roger W.
CORCORAN, A. WAYNE. **The Retail Inventory Method: The Third Major Costing System.** Vol. 6, no. 4 (August 1986), 417-431.
CORCORAN, JOHN E., see Abernathy, William J.
COTTELL, PHILIP G., JR., and JON M. PATTON. **The Effect of Inventory Costs on the LIFO Layer Liquidation Decision.** Vol. 7, no. 3 (December 1988), 59-72.
DAVIS, DONALD L., R. DEAN DAVIS, and WILLIAM S. SHRODE. **Decision Support Systems (DSS)**

Design for Operations Managers: An Empirical Study of the Impact of Report Design and Decision Style on Effective Choice. Vol. 7, no. 1 (October 1987), 47-62.
DAVIS, K. ROSCOE, and DEENA D. KUSHNER. **A Cost Evaluation Method for Dynamic Line Balancing.** Vol. 4, no. 1 (November 1983), 41-51.
DAVIS, R. DEAN, see Davis, Donald L.
DAVIS, SAMUEL G., and EDWARD T. REUTZEL. **A Dynamic Programming Approach to Work Force Scheduling with Time-dependent Performance Measures.** Vol. 1, no. 3 (February 1981), 165-171.
DAVIS, SAMUEL G., and EDWARD T. REUTZEL. **Manual Versus Automated Check Encoding in Commercial Banks.** Vol. 3, no. 3, (May 1983), 105-112.
DAVIS, VICKI, see Schuler, Randall S.
DE TREVILLE, SUZANNE, see Suri, Rajan.
DECKRO, RICHARD F., and JOHN E. HEBERT. **Polynomial Goal Programming: A Procedure for Modeling Preference Trade-offs.** Vol. 7, no. 4 (December 1988), 149-164.
DENZLER, DAVID R., WARREN J. BOE, and EDWARD DUPLAGA. **An Experimental Investigation of FMS Scheduling Rules under Uncertainty.** Vol. 7, no. 2 (October 1987), 139-151.
DIXON, PAUL S., and EDWARD A. SILVER. **A Heuristic Solution Procedure for the Multi-Item, Single-Level, Limited Capacity, Lot-Sizing Problem.** Vol. 2, no. 1 (October 1981), 23-39.
DIXON, PAUL S., MARK D. ELDER, GRAHAM K. RAND, and EDWARD A. SILVER. **A Heuristic Algorithm for Determining Lot Sizes of an Item Subject to Regular and Overtime Production Capacities.** Vol. 3, no. 3 (May 1983), 121-130.
DOBROW, SAMUEL A., and B.P. LINGARAJ. **Design of Time-of-Use Rate Periods for a Utility.** Vol. 7, no. 3 (December 1988), 25-43.
DUPLAGA, EDWARD, see Denzler, David R.
EBERT, RONALD J., DALE E. RUDE, and EARL A. CECIL. **Capturing Judgments to Clarify Production Strategy and Policy.** Vol. 5, no. 2 (February 1985), 129-149.
EBRAHIMPOUR, MALING. **An Examination of Quality Management in Japan: Implications for Management in the United States.** Vol. 5, no. 4 (August 1985), 419-431.
ELDER, MARK D., see Dixon, Paul S.
ELDREDGE, DAVID L., and BOB HOLDMAN. **A Cost Minimization Production Planning Model for Continuous Process Chemical Plant Operations.** Vol. 2, no. 3 (May 1982), 197-202.
ELM, DAWN R., see Schroeder, Roger G.
ELVERS, DOUGLAS A., see Treleven, Mark D.
ETIENNE, EISENHOWER C. **A Simple and Robust Model for Computing the Service Level Impact of Lot Sizes in Continuous and Lumpy Demand Contexts.** Vol. 7, no. 1 (October 1987), 1-9.
ETIENNE, EISENHOWER C. **Choosing Optimal Buffering Strategies for Dealing with Uncertainty in MRP.** Vol. 7, no. 2 (October 1987). 107-120.
EVANS, JAMES R. **An Efficient Implementation of the Wagner-Whitin Algorithm for Dynamic Lot Sizing.** Vol. 5, no. 2 (February 1985), 229-235.
EVANS, JAMES R., CEM SAYDAM, and MARK MCKNEW. **A Note on Solving the Concave Cost Dynamic Lot-Sizing Problem in Almost Linear Time.** Vol. 8, no. 2 (April 1989), 159-167.
FARTUCH, N., see Britney, R.R.
FIELD, JOHN, see Bailey, James.
FINCH, BYRON J., and JAMES P. GILBERT. **Developing Maintenance Craft Labor Efficiency through an Integrated Planning and Control System: A Prescriptive Model.** Vol. 6, no. 4 (August 1986), 449-459.
FINCH, BYRON J., see also Gilbert, James P.
FISK, JOHN C., see Ballou, Donald P.; see also Seagle, John P.
FITZSIMMONS, JAMES A., and BELLUR N. SRIKAR. **Emergency Ambulance Location Using the Contiguous Zone Search Routine.** Vol. 2, no. 4 (August 1982), 225-237.
FLEMING, JACK W., see Malstrom, Eric M.

FLORES, BENITO E., and D. CLAY WHYBARK. **Implementing Multiple Criteria ABC Analysis.** Vol. 7, no. 1 (October 1987), 79-85.
FLOWERS, DALE A. **A Simulation Study of Smoothing Constant Limits for an Adaptive Forecasting System.** Vol. 1, no. 2 (November 1980), 85-94.
FLYNN, BARBARA B. **Repetitive Lots: The Use of a Sequence-dependent Set-up Time Scheduling Procedure in Group Technology and Traditional Shops.** Vol. 7, no. 2 (October 1987), 203-216.
FOOTE, BOB, NAGHI KEBRIAEI, and HILLEL KUMIN. **Heuristic Policies for Inventory Ordering Problems with Long and Randomly Varying Lead Times.** Vol. 7, no. 4 (December 1988), 115-124.
FRY, TIMOTHY D., PATRICK R. PHILIPOOM, and JOHN H. BLACKSTONE. **A Simulation Study of Processing Time Dispatching Rules.** Vol. 7, no. 4 (December 1988), 77-92.
FRY, TIMOTHY D., see also Philipoom, Patrick R.
GELDERS, LUDO F., and LUK N. VAN WASSENHOVE. **Hierarchical Integration in Production Planning: Theory and Practice.** Vol. 3, no. 1 (November 1982), 27-35.
GERWIN, DONALD, and JEAN CLAUDE TARONDEAU. **Case Studies of Computer Integrated Manufacturing Systems: A View of Uncertainty and Innovation Processes.** Vol. 2, no. 2 (February 1982), 87-99.
GERWIN, DONALD, see Meredith, Jack.
GHOSH, SOUMEN, see Melnyk, Steven A.
GILBERT, JAMES P., and BYRON J. FINCH. **Maintenance Management: Keeping Up with Production's Changing Trends and Technologies.** Vol. 6, no. 1 (November 1985), 1-12.
GILBERT, JAMES P., see also Finch, Byron J.
GLASER, ROGER B., and MICHAEL P. HOTTENSTEIN. **Simulation Study of a Closed-Loop Job Shop.** Vol. 2, no. 3 (May 1982), 155-166.
GLOVER, FRED, CLAUDE MCMILLAN, and RANDY GLOVER. **A Heuristic Programming Approach to the Employee Scheduling Problem and Some Thoughts on "Managerial Robots."** Vol. 4, no. 2 (February 1984), 113-128.
GLOVER, RANDY, see also Glover, Fred.
GRAVES, S.C., and M.M. KOSTREVA. **Overlapping Operations in Material Requirements Planning.** Vol. 6, no. 3 (May 1986), 283-294.
GRAVES, STEPHEN C., HARLAN C. MEAL, DANIEL STEFEK, and ABDEL HAMID ZEGHMI. **Scheduling of Re-entrant Flow Shops.** Vol. 3, no. 4 (August 1983), 197-207.
GREEN, GARY I., and LEONARD B. APPEL. **An Empirical Analysis of Job Shop Dispatch Rule Selection.** Vol. 1, no. 4 (May 1981), 197-203.
GREENE, TIMOTHY J., and RANDALL P. SADOWSKI. **A Review of Cellular Manufacturing Assumptions, Advantages and Design Techniques.** Vol. 4, no. 2 (February 1984), 85-97.
GUERRERO, HECTOR H. **The Effect of Various Production Strategies on Product Structures with Commonality.** Vol. 5, no. 4 (August 1985), 395-410.
GULEY, HELEN M., and JOEL P. STINSON. **Scheduling and Resource Allocation in a Food Service System.** Vol. 4, no. 2 (February 1984),129-144.
GUNTHER, RICHARD E., GORDON D. JOHNSON, and ROGER S. PETERSON. **Currently Practiced Formulations for the Assembly Line Balance.** Vol. 3, no. 4 (August 1983), 209-221.
H'NG, BAK-TEE, see Bookbinder, James H.
HABER, SHELDON E., and ROSEDITH SITGREAVES. **An Optimal Inventory Model Where Resupply Is Possible But Uncertain.** Vol. 1, no. 1 (August 1980), 31-36.
HALPERIN, ROBERT M., see Cohen, Morris A.
HARL, JOHANNES E., and LARRY P. RITZMAN. **A Heuristic Algorithm for Capacity Sensitive Requirements Planning.** Vol. 5, no. 3 (May 1985), 309-326.
HASSAN, M. ZIA, see Knowles, Thomas W.
HAYYA, JACK C., see Bagchi, Uttarayan; see also Kanet, John J.
HEBERT, JOHN E., see Deckro, Richard F.

HILL, ARTHUR V. **An Experimental Comparison of Human Schedulers and Heuristic Algorithms for the Traveling Salesman Problem.** Vol. 2, no. 4 (August 1982), 215-223.
HILL, ARTHUR V., and THOMAS E. VOLLMANN. **Reducing Vendor Delivery Uncertainties in a JIT Environment.** Vol. 6, no. 4 (August 1986), 381-392.
HOFFMANN, THOMAS R., see Scudder, Gary D.
HOLDMAN, BOB, see Eldredge, David L.
HOLT, JACK A. **PDF Versus LP: An Empirical Aggregate Planning Comparison.** Vol. 3, no. 3 (May 1983), 141-147.
HOLT, JACK A. **A Heuristic Method for Aggregate Planning: Production Decision Framework.** Vol. 2, no. 1 (October 1981), 41-51.
HOTTENSTEIN, MICHAEL P., see Glaser, Roger B.
HUBER, VANDRA L., and NANCY LEA HYER. **The Human Factor in Cellular Manufacturing.** Vol. 5, no. 2 (February 1985), 213-228.
HYER, NANCY LEA. **The Potential of Group Technology for U.S. Manufacturing.** Vol. 4, no. 3 (May 1984), 183-202.
HYER, NANCY LEA, see also Huber, Vandra L.; Meredith, Jack; Wemmerlöv, Urban.
JESSE, RICHARD R., JR., and JOHN H. BLACKSTONE, JR. **A Note on Using the Lot-Sizing Index for Comparing Discrete Lot-Sizing Techniques.** Vol. 5, no. 4 (August 1985), 461-464.
JESSE, RICHARD R. **On the Retention of Finished Goods Inventory When Reorder Occurrence Is Uncertain.** Vol. 6, no. 2 (February 1986), 149-157.
JOHNSON, GEORGE A., see Powell, Gary N.
JOHNSON, GORDON D., see Gunther, Richard E.
KANET, JOHN J. **Toward a Better Understanding of Lead Times in MRP Systems.** Vol. 6, no. 3 (May 1986), 305-315.
KANET, JOHN J. **Load-Limit Order Release in Job Shop Scheduling Systems.** Vol. 7, no. 3 (December 1988), 44-58.
KANET, JOHN J., and JACK C. HAYYA. **Priority Dispatching with Operation Due Dates in a Job Shop.** Vol. 2, no. 3 (May 1982), 167-175.
KANET, JOHN J., see Baker, Kenneth R.; see also Mertens, Peter.
KANG, BYUNG-SUH, and MARKLAND, ROBERT E. **Evaluation of Scheduling Techniques for Solving Flowshop Problems with No Intermediate Storage.** Vol. 7, no. 3 (December 1988), 1-24.
KAPLAN, BONNIE, see Meredith, Jack R.
KARWAN, KIRK A, and PATRICK R. PHILIPOOM. **A Note on "Stochastic Unpaced Line Design: Review and Further Experimental Results."** Vol. 8, no. 1 (January 1989), 48-54.
KEBRIAEI, NAGHI, see Foote, Bob.
KELLE, PETER, and EDWARD A. SILVER. **Forecasting the Returns of Reusable Containers.** Vol. 8, no. 1 (January 1989), 17-35.
KELLY, DAVID L., and ANN S. MARUCHECK. **Planning Horizon Results for the Dynamic Warehouse Location Problem.** Vol. 4, no. 3 (May 1984), 279-294.
KENDALL, KENNETH E., and SANG M. LEE. **Improving Perishable Product Inventory Management Using Goal Programming.** Vol. 1, no. 2 (November 1980), 77-84.
KHUMAWALA, BASHEER M., and JOEL P. STINSON. **Capacitated Heuristic Program for Multi-Activity, Multi-Facility System Designs.** Vol. 4, no. 4 (August 1984), 295-304.
KHUMAWALA, BASHEER M., see Thizy, Jean-Michel; see also Steinberg, Earl.
KIMES, SHERYL E. **Yield Management: A Tool for Capacity-Constrained Service Firms.** Vol. 8, no. 4 (October 1989), 348-363.
KING, BARRY E., and W.C. BENTON. **Alternative Master Production Scheduling Techniques in an Assemble-to-Order Environment.** Vol. 7, no. 2 (October 1987), 179-201.
KNOWLES, THOMAS W., and M. ZIA HASSAN. **Design of an Interrelated Quality System for a Single Product Manufacturing Process with Assembly.** Vol. 1, no. 4 (May 1981), 225-235.

KOPCSO, DAVID P., and WILLIAM C. NEMITZ. **Learning Curves and Lot Sizing for Independent and Dependent Demand.** Vol. 4, no. 1 (November 1983), 73-83.
KOSTREVA, M.M. see Graves, S.C.
KOTTAS, JOHN F., and HON-SHIANG LAU. **Some Problems with Transient Phenomena When Simulating Unpaced Lines.** Vol. 1, no. 3 (February 1981), 155-164.
KRAJEWSKI, LEE J., see Bregman, Robert L.; see also Chung, Chen-Hua; Mangiameli, Paul M.
KROPP, DEAN H., ROBERT C. CARLSON, and SARA L. BECKMAN. **A Note on Stopping Rules for Rolling Production Scheduling.** Vol. 3, no. 3, (May 1983), 113-119.
KUMIN, HILLEL, see Foote, Bob.
KUO, WAY, see Lingaraj, B.P.
KURTULUS, IBRAHIM. **Multiproject Scheduling: Analysis of Scheduling Strategies under Unequal Delay Penalties.** Vol. 5, no. 3 (May 1985), 291-307.
KUSHNER, DEENA D., see Davis, K. Roscoe.
KUZDRALL, P.J., see Britney, R.R.
LAFORGE, LAWRENCE R., D. ROBLEY WOOD, JR., and RANDALL G. SLEETH. **An Application of the Survey-Feedback Method in a Service Operation.** Vol. 5, no. 1 (August 1984), 103-118.
LAFORGE, R. LAWRENCE., see also Sridharan, V.
LARSON, PAUL D., see Schroeder, Roger G.
LAU, HON-SHIANG, see Kottas, John F.
LAWRENCE, SIDNEY H., and MARGARET K. SCHAEFER. **Optimal Maintenance Center Inventories for Fault-Tolerant Repairable Systems.** Vol. 4, no. 2 (February 1984), 175-181.
LEE, SANG M., see Kendall, Kenneth E.
LEE, WILLIAM B., see Steinberg, Earl.
LEONG, G. KEONG, MICHAEL D. OLIFF, and ROBERT E. MARKLAND. **Improved Hierarchical Production Planning.** Vol. 8, no. 2 (April 1989), 90-114.
LIBERATORE, MATTHEW J., and JOLENA O'NEILL. **Planning a Successful Robotics Implementation.** Vol. 5, no. 3 (May 1985), 247-257.
LIN, KUN-SI, see Bernardo, John J.
LINGARAJ, B.P., and WAY KUO. **An Availability Model for the Evaluation of Equipment Alternatives.** Vol. 3, no. 3 (May 1983), 149-154.
LINGARAJ, B.P., see also Dobrow, Samuel A.
LU, CHENG-YI, see Chung, Chia-Shin.
MABERT, VINCENT A. **Static vs. Dynamic Priority Rules for Check Processing in Multiple Dispatch-Multiple Branch Banking.** Vol. 2, no. 3 (May 1982), 187-196.
MABERT, VINCENT A. **Service Operations Management: Research and Application.** Vol. 2, no. 4 (August 1982), 203-209.
MABERT, VINCENT A. **Short Interval Forecasting of Emergency Phone Call (911) Work Loads.** Vol. 5, no. 3 (May 1985), 259-271.
MABERT, VINCENT A. **Staffing and Equipment Decisions for Services: An Experimental Analysis.** Vol. 6, no. 3 (May 1986), 273-281.
MABERT, VINCENT A., and MICHAEL J. SHOWALTER. **Priority Rules for Check Processing in Multiple Branch Banking: An Experimental Analysis.** Vol. 1, no. 1 (August 1980), 15-22.
MABERT, VINCENT A., see also Ragatz, Gary L.
MALSTROM, ERIC M., and JACK W. FLEMING. **The Effects of Work-in-Process Inventory Considerations on Learning Curve Construction.** Vol. 2, no. 2 (February 1982), 101-111.
MALSTROM, ERIC M., see also Choi, Hoo-gon.
MANGIAMELI, PAUL M., and LEE J. KRAJEWSKI. **The Effects of Work Force Strategies on Manufacturing Operations.** Vol. 3, no. 4 (August 1983), 183-196.
MAPES, JOHN, see New, Colin.
MARIENI, DAVID M., see Bitran, Gabriel R.

MARKLAND, ROBERT E. **Improving Fuel Utilization in Steel Mill Operations Using Linear Programming.** Vol. 1, no. 2 (November 1980), 95-102.
MARKLAND, ROBERT E., see also Kang, Byung-suh; Leong, G. Keong; Philipoom, Patrick R.; Vickery, Shawnee K.
MARLIN, PAUL G. **Manufacturing Lead Time Accuracy.** Vol. 6, no. 2 (February 1986), 179-202.
MARUCHECK, ANN S., see Kelly, David L.
MATSUO, HIROFUMI, see Bitran, Gabriel R.
MATTHEWS, JOHN P. **A Generalized Lot-Sizing Model for the Process Cycling Problem.** Vol. 1, no. 2 (November 1980), 103-108.
MCCLAIN, JOHN O. **Restarting a Forecasting System When Demand Suddenly Changes.** Vol. 2, no. 1 (October 1981), 53-61.
MCLAUGHLIN, CURTIS P., see Talukdar, Rahim B.
MCKNEW, MARK, see Evans, James R.
MCMILLAN, CLAUDE, see Glover, Fred.
MEAL, HARLAN C., see Graves, Stephen C.
MEHREZ, ABRAHAM. **A Resource Allocation Problem with the Aid of an Integer Zero-One Programming Model in the Plastics Industry.** Vol. 5, no. 4 (August 1985), 455-460.
MELNYK, STEVEN A., SOUMEN GHOSH, and GARY L. RAGATZ. **Tooling Constraints and Shop Floor Scheduling: A Simulation Study.** Vol. 8, no. 2 (April 1989), 69-89.
MEREDITH, JACK R. **The Implementation of Computer Based Systems.** Vol. 2, no. 1 (October 1981), 11-21.
MEREDITH, JACK R., AMITABH RATURI, KWASI AMOAKO-GYAMPAH, and BONNIE KAPLAN. **Alternative Research Paradigms in Operations.** Vol. 8, no. 4 (October 1989), 297-326.
MEREDITH, JACK R., NANCY LEA HYER, DONALD GERWIN, STEPHEN R. ROSENTHAL, and WEMMERLÖV, URBAN. **Research Needs in Managing Factory Automation.** Vol. 6, no. 2 (February 1986), 203-218.
MEREDITH, JACK R., see also Amoako-Gyampah, Kwasi; Suresh, Nallan C.
MERTENS, PETER, and JOHN J. KANET. **Expert Systems in Production Management: An Assessment.** Vol. 6, no. 4 (August 1986), 393-404.
MILLEN, ROBERT A., see Blackburn, Joseph D.
MILLER, JEFFREY G., see Van Dierdonck, Roland.
MOORE, AIMEE N., see Connell, Bertrum C.
MORECROFT, JOHN D.W. **Managing Product Lines That Share a Common Capacity Base.** Vol. 3, no. 2 (February 1983), 57-66.
MOREY, RICHARD C. **Estimating Service Level Impacts from Changes in Cycle Count, Buffer Stock, or Corrective Action.** Vol. 5, no. 4 (August 1985), 411-418.
NEMITZ, WILLIAM C., see Kopcso, David P.
NEW, COLIN, and JOHN MAPES. **MRP with High Uncertain Yield Losses.** Vol. 4, no. 4 (August 1984), 315-330.
NOONAN, JAMES W., see Bitran, Gabriel R.
OLIFF, MICHAEL D., see Leong, G. Keong.
O'NEILL, JOLENA, see Liberatore, Matthew J.
ORAL, MUHITTIN. **Improved Implementation of Inventory Control Models through Equivalent Formulations.** Vol. 1, no. 4 (May 1981), 173-181.
OUELLET, ROCH, JACQUES ROI, CLAUDE CARDINAL, and YVES ROSCONI. **EOQ Application in a Pharmaceutical Environment: A Case Study.** Vol. 3, no. 1 (November 1982), 49-55.
PARK, PAUL SUNGCHIL, and PAUL M. BOBROWSKI. **Job Release and Labor Flexibility in a Dual Resource Constrained Job Shop.** Vol. 8, no. 3 (August 1989), 203-249.
PARKAN, CELIK, see Berman, Oded.
PATTON, JON M., see Cottell, Philip G. Jr.
PERKINS, WILLIAM C., see Smunt, Timothy L.

PETERS, MICHAEL H., see Williams, William W.
PETERSON, ROGER S., see Gunther, Richard E.
PHILIPOOM, PATRICK R., ROBERT E. MARKLAND, and TIMOTHY D. FRY. **Sequencing Rules, Progress Milestones and Product Structure in a Multistage Job Shop.** Vol. 8, no. 3 (August 1989), 209-229.
PHILIPOOM, PATRICK R., see also Fry, Timothy; Karwan, Kirk A.
POWELL, GARY N., and GEORGE A. JOHNSON. **An Expectancy-Equity Model of Productive System Performance.** Vol. 1, no. 1 (August 1980), 47-56.
PRENTIS, ERIC L. **Operations Management Taxonomy.** Vol. 7, no. 1 (October 1987), 63-78.
RACHAMADUGU, R.V., see Raman, N.
RAFFI, FARSHAD, and PAUL M. SWAMIDASS. **Towards a Theory of Manufacturing Overhead Cost Behavior: A Conceptual and Empirical Analysis.** Vol. 7, no. 2 (October 1987), 121-137.
RAGATZ, GARY L. **A Note on Workload-dependent Due Date Assignment Rules.** Vol. 8, no. 4 (October 1989), 377-384.
RAGATZ, GARY L., and VINCENT A. MABERT. **A Simulation Analysis of Due Date Assignment Rules.** Vol. 5, no. 1 (November 1984), 27-39.
RAGATZ, GARY L., see also Melnyk, Steven A.
RAGHAVAN, M., see Askin, Ronald G.
RAISZADEH, M.E., see Williams, William W.
RAMAN, N., F.B. TALBOT, and R.V. RACHAMADUGU. **Due Date Based Scheduling in a General Flexible Manufacturing System.** Vol. 8, no. 2 (April 1989), 115-132.
RAMSING, KENNETH D., see Blair, John D.
RAND, GRAHAM K., see Dixon, Paul S.
RATURI, AMITABH, see Meredith, Jack R.
REUTZEL, EDWARD T., see Davis, Samuel G.
REYBROCK, NICHOLAS W., see Clark, Thomas D.
RITZMAN, LARRY P., see Bahl, Harish C.; see also Bott, Kevin N.; Bregman, Robert L.; Harl, Johannes E.; Schuler, Randall S.
ROBRADE, ANDREAS, see Zoller, Klaus.
ROI, JACQUES, see Ouellet, Roch.
ROODMAN, GARY M. **Exponentially Smoothed Regression Analysis for Demand Forecasting.** Vol. 6, no. 4 (August 1986), 485-497.
ROSCONI, YVES, see Ouellet, Roch.
ROSENTHAL, STEPHEN R. **Progress Toward the "Factory of the Future."** Vol. 4, no. 3 (May 1984), 203-229.
ROSENTHAL, STEPHEN R., see Meredith, Jack.
RUDE, DALE E., see Ebert, Ronald J.
SADOWSKI, RANDALL P., see Greene, Timothy J.
SALADIN, BROOKE A. **Goal Programming Applied to Police Patrol Allocation.** Vol. 2, no. 4 (August 1982), 239-249.
SAYDAM, CEM, see Evans, James R.
SCAMELL, RICHARD, see Steinberg, Earle.
SCHAEFER, MARGARET K., see Lawrence, Sidney H.; see also Smith, Charles H.
SCHMENNER, ROGER W. **Multiplant Manufacturing Strategies among the Fortune 500.** Vol. 2, no. 2 (February 1982), 77-86.
SCHMENNER, ROGER W., and RANDALL L. COOK. **Explaining Productivity Differences in North Carolina Factories.** Vol. 5, no. 3 (May 1985), 273-289.
SCHMITT, THOMAS G. **Resolving Uncertainty in Manufacturing Systems.** Vol. 4, no. 4 (August 1984), 331-345.
SCHMITT, THOMAS G., see also Berry, William L.

SCHONBERGER, RICHARD J. **Some Observations on the Advantages and Implementation Issues of Just-in-Time Production Systems.** Vol. 3, no. 1 (November 1982), 1-11.
SCHROEDER, ROGER G., GARY D. SCUDDER, and DAWN R. ELM. **Innovation in Manufacturing.** Vol. 8, no. 1 (January 1989), 1-15.
SCHROEDER, ROGER G., JOHN C. ANDERSON, SHARON E. TUPY, and EDNA M. WHITE. **A Study of MRP Benefits and Costs.** Vol. 2, no. 1 (October 1981), 1-9.
SCHROEDER, ROGER G., JOHN C. ANDERSON, and GARY CLEVELAND. **The Content of Manufacturing Strategy: An Empirical Study.** Vol. 6, no. 4 (August 1986), 405-415.
SCHROEDER, ROGER G., and PAUL D. LARSON. **A Reformulation of the Aggregate Planning Problem.** Vol. 6, no. 3 (May 1986). 245-256.
SCHROEDER, ROGER G., see also Anderson, John C.; White, Edna M.
SCHULER, RANDALL S., LARRY P. RITZMAN, and VICKI DAVIS. **Merging Prescriptive and Behavioral Approaches for Office Layout.** Vol. 1, no.3 (February 1981), 131-142.
SCHWEIKHART, SHARON BERGMAN, see Treleven, Mark.
SCUDDER, GARY D. **An Evaluation of Overtime Policies for a Repair Shop.** Vol. 6, no. 1 (November 1985), 87-98.
SCUDDER, GARY D., and HOFFMANN, THOMAS R. **The Use of Cost-based Priorities in Random and Flow Shops.** Vol. 7, no. 2 (October 1987), 217-232.
SCUDDER, GARY D., see also Schroeder, Roger G.
SEAGLE, JOHN P., and JOHN C. FISK. **Application of Work Center Control Rules in a Job Shop Environment.** Vol. 3, no. 1 (November 1982), 43-48.
SEPEHRI, MEHRAN, see Turban, Efraim.
SHOWALTER, MICHAEL J., see Mabert, Vincent A.
SHRODE, WILLIAM S., see Davis, Donald L.
SHTUB, AVRAHAM. **On the Natural Cycle Time of Assembly Lines.** Vol. 5, no. 1 (November 1984), 19-25.
SHTUB, AVRAHAM. **The Trade-off Between the Net Present Cost of a Project and the Probability to Complete It on Schedule.** Vol. 6, no. 4 (August 1986), 461-470.
SILVER, EDWARD A, see Dixon, Paul S.; see also Kelle, Peter.
SILVERMAN, FRED N., see Carter, John C.
SINGHAL, KALYAN. see Adlakha, Veena.
SITGREAVES, ROSEDITH, see Haber, Sheldon E.
SLEETH, RANDALL G., see LaForge, Lawrence R.
SMITH, CHARLES H., and MARGARET K. SCHAEFER. **Optimal Inventories for Repairable Redundant Systems with Aging Components.** Vol. 5, no. 3 (May 1985), 339-349.
SMITH, SPENCER B. **The Subassemblies Problem: Make to Stock or Combine.** Vol. 5, no. 1 (November 1984), 1-17.
SMITH-DANIELS, DWIGHT E., and NICHOLAS J. AQUILANO. **Constrained Resource Project Scheduling Subject to Material Constraints.** Vol. 4, no. 4 (August 1984), 369-387.
SMITH-DANIELS, DWIGHT E., and VICKI L. SMITH-DANIELS. **Maximizing the Net Present Value of a Project Subject to Materials and Capital Constraints.** Vol. 7, no. 1 (October 1987), 33-45.
SMITH-DANIELS, DWIGHT E., see Aquilano, Nicholas J.
SMITH-DANIELS, VICKI L., see Smith-Daniels, Dwight E.
SMUNT, TIMOTHY L., and WILLIAM C. PERKINS. **Stochastic Unpaced Line Design: Review and Further Experimental Results.** Vol. 5, no. 3 (May 1985), 351-373.
SMUNT, TIMOTHY L., and WILLIAM C. PERKINS. **Stochastic Unpaced Line Design: A Reply.** Vol. 8, No. 1 (January 1989), 55-62.
SRIDHARAN, V., and R. LAWRENCE LAFORGE. **The Impact of Safety Stock on Schedule Instability, Cost and Service.** Vol. 8, no. 4 (October 1989), 327-347.
SRIKAR, BELLUR N., see Fitzsimmons, James A.

ST. JOHN, RALPH. **The Cost of Inflated Planned Lead Times in MRP Systems.** Vol. 5, no. 2, (February 1985), 119-128.
STAHL, MICHAEL J., and THOMAS W. ZIMMERER. **Using Decision Modeling to Examine Management Consensus: A Study of a Maintenance Management Control System.** Vol. 3, no. 2 (February 1983), 93-98.
STEFEK, DANIEL, see Graves, Stephen C.
STEINBERG, EARLE, BASHEER KHUMAWALA, and RICHARD SCAMELL. **Requirements Planning Systems in the Health Care Environment.** Vol. 2, no. 4 (August 1982), 251-259.
STEINBERG, EARL, WILLIAM B. LEE, and BASHEER M. KHUMAWALA. **A Requirements Planning System for the Space Shuttle Operations Schedule.** Vol. 1, no. 2 (November 1980), 69-76.
STINSON, JOEL P., see Guley, Helen M.; see also Khumawala, Basheer M.
STREVELL, MICHAEL W., see Chong, Philip S.
SULE, DILEEP R. **Simple Methods for Uncapacitated Facility Location/Allocation Problems.** Vol. 1, no. 4 (May 1981), 215-223.
SULLIVAN, ROBERT S. **The Service Sector: Challenges and Imperatives for Research in Operations Management.** Vol. 2, no. 4 (August 1982), 211-214.
SURESH, NALLAN C., and JACK R. MEREDITH. **Achieving Factory Automation through Group Technology Principles.** Vol. 5, no. 2 (February 1985), 151-167.
SURI, RAJAN, and SUZANNE DE TREVILLE. **Getting from "Just-in-Case" to "Just-in-Time": Insights from a Simple Model.** Vol. 6, no. 3 (May 1986), 295-304.
SWAMIDASS, PAUL M. **Manufacturing Strategy: A Selected Bibliography.** Vol. 8, no. 3 (August 1989), 263-277.
SWAMIDASS, PAUL M. **Manufacturing Strategy: Its Assessment and Practice.** Vol. 6, no. 4 (August 1986), 471-484.
SWAMIDASS, PAUL M., see also Raffi, Farshad.
SWANSON, LLOYD A., see Aras, Omer A.
TALBOT, F.B., see Raman, N.
TALUKDAR, RAHIM B., and CURTIS P. MCLAUGHLIN. **Monitoring and Improving the Productivity of Semi-autonomous Human Service Units.** Vol. 5, no. 4 (August 1985), 375-393.
TARONDEAU, JEAN CLAUDE, see Gerwin, Donald.
TAYI, GIRI KUMAR. **A Polynomial Goal Programming Approach to a Class of Quality Control Problems.** Vol. 5, no. 2 (February 1985), 237-246.
TERSINE, RICHARD J., and RICHARD A. TOELLE. **Optimum Stock Levels for Excess Inventory Items.** Vol. 4, no. 3 (May 1984), 245-258.
THIZY, JEAN-MICHEL, LUK N. VAN WASSENHOVE, and BASHEER M. KHUMAWALA. **Comparison of Exact and Approximate Methods of Solving the Uncapacitated Plant Location Problem.** Vol. 6, no. 1 (November 1985), 23-34.
TOELLE, RICHARD A., see Tersine, Richard J.
TRELEVEN, MARK D., and DOUGLAS A. ELVERS. **An Investigation of Labor Assignment Rules in a Dual-Constrained Job Shop.** Vol. 6, no. 1 (November 1985), 51-68.
TRELEVEN, MARK, and SHARON BERGMAN SCHWEIKHART. **A Risk/Benefit Analysis of Sourcing Strategies: Single vs. Multiple Sourcing.** Vol. 7, no. 4 (December 1988), 93-114.
TRELEVEN, MARK, and JOHN G. WACKER. **The Sources, Measurements, and Managerial Implications of Process Commonality.** Vol. 7, no. 1 (October 1987), 11-25.
TRELEVEN, MARK, see also Wacker, John G.
TRUSCOTT, WILLIAM G. **Production Scheduling with Capacity-constrained Transportation Activities.** Vol. 6, no. 3 (May 1986), 333-348.
TUPY, SHARON E., see Schroeder, Roger G.; see also White, Edna M.
TURBAN, EFRAIM, and MEHRAN SEPEHRI. **Applications of Decision Support and Expert Systems in Flexible Manufacturing Systems.** Vol. 6, no. 4 (August 1986), 433-448.

VAKHARIA, ASOO J. **Methods of Cell Formation in Group Technology: A Framework for Evaluation.** Vol. 6, no. 3 (May 1986), 257-271.

VAN DIERDONCK, ROLAND, and JEFFREY G. MILLER. **Designing Production Planning and Control Systems.** Vol. 1, no. 1 (August 1980), 37-46.

VAN WASSENHOVE, LUK N., see Gelders, Ludo F.; see also Thizy, Jean-Michel.

VICKERY, SHAWNEE K., and ROBERT E. MARKLAND. **Integer Goal Programming for Multistage Lot Sizing: Experimentation and Implementation.** Vol. 5, no. 2 (February 1985), 169-182.

VERAL, EMRE A. **MRP Strategies: Effects on Cash Flow.** Vol. 8, no. 4 (October 1989), 364-376.

VOLLMANN, THOMAS E., see Berry, William L.; see Hill, Arthur V.

VONDEREMBSE, MARK A. **Selecting Master Slab Width(s) for Continuous Steel Casting.** Vol. 4, no. 3 (May 1984), 231-244.

WACKER, JOHN G. **The Complementary Nature of Manufacturing Goals by Their Relationship to Throughput Time: A Theory of Internal Variability of Production Systems.** Vol. 7, no. 2 (October 1987), 91-106.

WACKER, JOHN G., and MARK TRELEVEN. **Component Part Standardization: An Analysis of Commonality Sources and Indices.** Vol. 6, no. 2 (February 1986), 219-244.

WACKER, JOHN G., see Treleven, Mark.

WEMMERLÖV, URBAN. **The Part-Period Balancing Algorithm and Its Look Ahead-Look Back Feature: A Theoretical and Experimental Analysis of a Single Lot-Sizing Procedure.** Vol. 4, no. 1 (November 1983), 23-39.

WEMMERLÖV, URBAN. **Assemble-to-Order Manufacturing: Implications for Materials Management.** Vol. 4, no. 4 (August 1984), 347-368.

WEMMERLÖV, URBAN. **The Behavior of Lot-Sizing Procedures in the Presence of Forecast Errors.** Vol. 8, no. 1 (January 1989), 37-54.

WEMMERLÖV, URBAN, and NANCY LEA HYER. **Procedures for the Part Family/Machine Group Identification Problem in Cellular Manufacturing.** Vol. 6, no. 2 (February 1986), 125-147.

WEMMERLÖV, URBAN, see also Meredith, Jack.

WESTERMAN, ROBERT R. **Forecasting for Solid Wastes Operations.** Vol. 1, no. 4 (May 1981), 183-195.

WHITE, EDNA M., JOHN C. ANDERSON, ROGER G. SCHROEDER, and SHARON E. TUPY. **A Study of the MRP Implementation Process.** Vol. 2, no. 3 (May 1982), 145-153.

WHITE, EDNA M., see also Schroeder, Roger G.

WHYBARK, D. CLAY, see Benton, W.C.; see also Flores, Benito E.

WIEST, JEROME D. **Precedence Diagramming Method: Some Unusual Characteristics and Their Implications for Project Managers.** Vol. 1, no. 3 (February 1981), 121-130.

WILLIAMS, WILLIAM W., MICHAEL H. PETERS, and M.E. RAISZADEH. **Time-dependent Demand in Requirements Planning: An Exploratory Assessment of the Effects of Serially Correlated Demand Sequences on Lot-Sizing Performance.** Vol. 6, no. 1 (November 1985), 69-85.

WOOD, D. ROBLEY, JR., see LaForge, Lawrence R.

ZEGHMI, ABDEL HAMID, see Graves, Stephen C.

ZIMMERER, THOMAS W., see Stahl, Michael J.

ZOLLER, KLAUS, and ANDREAS ROBRADE. **Dynamic Lot-Sizing Techniques: Survey and Comparison.** Vol. 7, no. 4, (December 1988), 125-148.

JOURNAL OF OPERATIONS MANAGEMENT
Vol. 8, No. 4, October 1989

Index to Volumes 1-8 (1980-1989)

Subject Listing

Prepared by Ronald J. Ebert

ACCOUNTING
see Costing/Cost Accounting for Operations

AGGREGATE PRODUCTION PLANNING
see Production Planning/Aggregate Production Planning/Production Scheduling

ASSEMBLY LINE DESIGN
see Production/Assembly Line Design/Performance

AUTOMATION MANAGEMENT
see Process Technology/Automation Management

BEHAVIORAL VARIABLES IN PRODUCTION SYSTEMS

ACHIEVING FACTORY AUTOMATION THROUGH GROUP TECHNOLOGY PRINCIPLES. **Suresh, Nallan C., and Jack R. Meredith.** Vol. 5, no. 2 (February 1985), 151-167.

AN APPLICATION OF THE SURVEY-FEEDBACK METHOD IN A SERVICE OPERATION. **LaForge, Lawrence R., D. Robley Wood, Jr., and Randall G. Sleeth.** Vol. 5, no. 1 (August 1984), 103-118.

CAPTURING JUDGMENTS TO CLARIFY PRODUCTION STRATEGY AND POLICY. **Ebert, Ronald J., Dale E. Rude, and Earl A. Cecil.** Vol. 5, no. 2 (February 1985), 129-149.

DECISION SUPPORT SYSTEMS (DSS) DESIGN FOR OPERATIONS MANAGERS: AN EMPIRICAL STUDY OF THE IMPACT OF REPORT DESIGN AND DECISION STYLE ON EFFECTIVE CHOICE. **Davis, Donald L., R. Dean Davis, and William S. Shrode.** Vol. 7, no. 1 (October 1987), 47-62.

AN EXPERIMENTAL COMPARISON OF HUMAN SCHEDULERS AND HEURISTIC ALGORITHMS FOR THE TRAVELING SALESMAN PROBLEM. **Hill, Arthur V.** Vol. 2, no. 4 (August 1982), 215-223.

AN EXPECTANCY-EQUITY MODEL OF PRODUCTIVE SYSTEM PERFORMANCE. **Powell, Gary N., and George A. Johnson.** Vol. 1, no. 1 (August 1980), 47-56.

THE HUMAN FACTOR IN CELLULAR MANUFACTURING. **Huber, Vandra L., and Nancy Lea Hyer.** Vol. 5, no. 2 (February 1985), 213-228.

JOB RELEASE AND LABOR FLEXIBILITY IN A DUAL RESOURCE CONSTRAINED JOB SHOP. **Park, Paul Sungchil, and Paul M. Bobrowski.** Vol. 8, no. 3 (August 1989), 230-249.

MERGING PRESCRIPTIVE AND BEHAVIORAL APPROACHES FOR OFFICE LAYOUT. **Schuler, Randall S., Larry P. Ritzman, and Vicki Davis.** Vol. 1, no.3 (February 1981), 131-142.

MONITORING AND IMPROVING THE PRODUCTIVITY OF SEMI-AUTONOMOUS HUMAN SERVICE UNITS. **Talukdar, Rahim B. and Curtis P. McLaughlin.** Vol. 5, no. 4 (August 1985), 375-393.

OPERATIONS CHANGE INTERACTIONS IN A SERVICE ENVIRONMENT: ATTITUDES, BEHAVIORS, AND PROFITABILITY. **Adam, Everett E., Jr.** Vol. 2, no. 1 (October 1981), 63-76.

PLANNING A SUCCESSFUL ROBOTICS IMPLEMENTATION. **Liberatore, Matthew J., and Jolena O'Neill.** Vol. 5, no. 3 (May 1985), 247-257.

THE POTENTIAL OF GROUP TECHNOLOGY FOR U.S. MANUFACTURING. **Hyer, Nancy Lea.** Vol. 4, no. 3 (May 1984), 183-202.

PROGRESS TOWARD THE "FACTORY OF THE FUTURE". **Rosenthal, Stephen R.** Vol. 4, no. 3 (May 1984), 203-229.

RELEARNING FROM THE OLD MASTERS: LESSONS OF THE AMERICAN SYSTEM OF MANUFACTURING. **Abernathy, William J., and John E. Corcoran.** Vol. 3, no. 4 (August 1983), 155-167.

RESEARCH NEEDS IN MANAGING FACTORY AUTOMATION. **Meredith, Jack, Nancy L. Hyer, Donald Gerwin, Stephen R. Rosenthal, and Wemmerlöv, Urban.** Vol. 6, no. 2 (February 1986), 203-218.

USING DECISION MODELING TO EXAMINE MANAGEMENT CONSENSUS: A STUDY OF A MAINTENANCE MANAGEMENT CONTROL SYSTEM. **Stahl, Michael J., and Thomas W. Zimmerer.** Vol. 3, no. 2 (February 1983), 93-98.

A VACATION SCHEDULING ALGORITHM FOR MILITARY FLIGHT CREWS: MAXIMIZING SATISFACTION WHILE MAINTAINING MILITARY PREPAREDNESS. **Chong, Philip S., and Michael W. Strevell.** Vol. 5, no. 2 (February 1985), 205-211.

CAPACITY MANAGEMENT

CAPACITY PLANNING TECHNIQUES FOR MANUFACTURING CONTROL SYSTEMS: INFORMATION REQUIREMENTS AND OPERATIONAL FEATURES. **Berry, William L., Thomas G. Schmitt, and Thomas E. Vollmann.** Vol. 3, no. 1 (November 1982), 13-25.

A COMPARISON OF MRP LOT-SIZING METHODS CONSIDERING CAPACITY CHANGE COSTS. **Collier, David A.** Vol. 1, no. 1 (August 1980), 23-29.

DEVELOPING MAINTENANCE CRAFT LABOR EFFICIENCY THROUGH AN INTEGRATED PLANNING AND CONTROL SYSTEM: A PRESCRIPTIVE MODEL. **Finch, Byron J., and James P. Gilbert.** Vol. 6, no. 4 (August 1986), 449-459.

THE EFFECT OF LOT SIZING ON WORKLOAD VARIABILITY. **Askin, Ronald G., and M. Raghavan.** Vol. 4, no. 1 (November 1983), 53-71.

EMPIRICAL INVESTIGATION OF DIFFERENT STRATEGIES FOR MATERIAL REQUIREMENTS PLANNING. **Bahl, Harish C., and Larry P. Ritzman.** Vol. 3, no. 2 (February 1983), 67-77.

AN EVALUATION OF OVERTIME POLICIES FOR A REPAIR SHOP. **Scudder, Gary D.** Vol. 6, no. 1 (November 1985), 87-98.

A HEURISTIC ALGORITHM FOR CAPACITY SENSITIVE REQUIREMENTS PLANNING. **Harl, Johannes E., and Larry P. Ritzman.** Vol. 5, no. 3 (May 1985), 309-326.

INTEGER GOAL PROGRAMMING FOR MULTISTAGE LOT SIZING: EXPERIMENTATION AND IMPLEMENTATION. **Vickery, Shawnee K., and Robert E. Markland.** Vol. 5, no. 2 (February 1985), 169-182.

IRREGULAR WORKLOADS WITH MRP SYSTEMS: SOME CAUSES AND CONSEQUENCES. **Bott, Kevin N., and Larry P. Ritzman.** Vol. 3, no. 4 (August 1983), 169-182.

MANAGING PRODUCT LINES THAT SHARE A COMMON CAPACITY BASE. **Morecroft, John D.W.** Vol. 3, no. 2 (February 1983), 57-66.

OPTIMAL TECHNOLOGY CHOICE IN A DYNAMIC-STOCHASTIC ENVIRONMENT. **Cohen, Morris A., and Robert M. Halperin.** Vol. 6, no. 3 (May 1986), 317-331.

A REQUIREMENTS PLANNING SYSTEM FOR THE SPACE SHUTTLE OPERATIONS SCHEDULE. **Steinberg, Earl, William B. Lee, and Basheer M. Khumawala.** Vol. 1, no. 2 (November 1980), 69-76.

RESOLVING UNCERTAINTY IN MANUFACTURING SYSTEMS. **Schmitt, Thomas G.** Vol. 4, no. 4 (August 1984), 331-345.

SHARED CAPACITY RESOURCE REALLOCATION IN A DECENTRALIZED SERVICE SYSTEM. **Charalambides, Leonidas C.** Vol. 5, no. 1 (August 1984), 57-74.

TOOLING CONSTRAINTS AND SHOP FLOOR SCHEDULING: A SIMULATION STUDY. **Melnyk, Steven A., Soumen Ghosh, and Gary L. Ragatz.** Vol. 8, no. 2 (April 1989), 69-89.

THE USE OF WORKLOAD INFORMATION TO CONTROL JOB LATENESS IN CONTROLLED AND UNCONTROLLED RELEASE PRODUCTION SYSTEMS. **Bertrand, J.W.M.** Vol. 3, no. 2 (February 1983), 79-92.

YIELD MANAGEMENT: A TOOL FOR CAPACITY-CONSTRAINED SERVICE FIRMS. **Kimes, Sheryl E.** Vol. 8, no. 4 (October 1989), 348-363.

CELLULAR MANUFACTURING

ACHIEVING FACTORY AUTOMATION THROUGH GROUP TECHNOLOGY PRINCIPLES. **Suresh, Nallan C., and Jack R. Meredith.** Vol. 5, no. 2 (February 1985), 151-167.

AN ASSESSMENT OF INDUSTRIAL ROBOTS: CAPABILITIES, ECONOMICS, AND IMPACTS. **Bard, Jonathan F.** Vol. 6, no. 2 (February 1986), 99-124.

THE HUMAN FACTOR IN CELLULAR MANUFACTURING. **Huber, Vandra L., and Nancy Lea Hyer.** Vol. 5, no. 2 (February 1985), 213-228.

METHODS OF CELL FORMATION IN GROUP TECHNOLOGY: A FRAMEWORK FOR EVALUATION. **Vakharia, Asoo J.** Vol. 6, no. 3 (May 1986), 257-271.

THE POTENTIAL OF GROUP TECHNOLOGY FOR U.S. MANUFACTURING. **Hyer, Nancy Lea.** Vol. 4, no. 3 (May 1984), 183-202.

PROCEDURES FOR THE PART FAMILY/MACHINE GROUP IDENTIFICATION PROBLEM IN CELLULAR MANUFACTURING. **Wemmerlöv, Urban, and Nancy Lea Hyer.** Vol. 6, no. 2 (February 1986), 125-147.

A REVIEW OF CELLULAR MANUFACTURING ASSUMPTIONS, ADVANTAGES AND DESIGN TECHNIQUES. **Greene, Timothy J., and Randall P. Sadowski.** Vol. 4, no. 2 (February 1984), 85-97.

COMMONALITY

see Process Commonality

COMPUTER INTEGRATED MANUFACTURING

ACHIEVING FACTORY AUTOMATION THROUGH GROUP TECHNOLOGY PRINCIPLES. **Suresh, Nallan C., and Jack R. Meredith.** Vol. 5, no. 2 (February 1985), 151-167.

CASE STUDIES OF COMPUTER INTEGRATED MANUFACTURING SYSTEMS: A VIEW OF UNCERTAINTY AND INNOVATION PROCESSES. **Gerwin, Donald, and Jean Claude Tarondeau.** Vol. 2, no. 2 (February 1982), 87-99.

PROGRESS TOWARD THE "FACTORY OF THE FUTURE". **Rosenthal, Stephen R.** Vol. 4, no. 3 (May 1984), 203-229.

COMPUTERS/INFORMATION PROCESSING/AND INFORMATION SYSTEMS IN OPERATIONS

CAPACITY PLANNING TECHNIQUES FOR MANUFACTURING CONTROL SYSTEMS: INFORMATION REQUIREMENTS AND OPERATIONAL FEATURES. **Berry, William L., Thomas G. Schmitt, and Thomas E. Vollmann.** Vol. 3, no. 1 (November 1982), 13-25.

DESIGNING PRODUCTION PLANNING AND CONTROL SYSTEMS. **Van Dierdonck, Roland, and Jeffrey G. Miller.** Vol. 1, no. 1 (August 1980), 37-46.

THE IMPLEMENTATION OF COMPUTER BASED SYSTEMS. **Meredith, Jack R.** Vol. 2, no. 1 (October 1981), 11-21.

MAINTENANCE MANAGEMENT: KEEPING UP WITH PRODUCTION'S CHANGING TRENDS AND TECHNOLOGIES. **Gilbert, James P., and Byron J. Finch.** Vol. 6, no. 1 (November 1985), 1-12.

CONTINUOUS PROCESS OPERATIONS

A COST MINIMIZATION PRODUCTION PLANNING MODEL FOR CONTINUOUS PROCESS

CHEMICAL PLANT OPERATIONS. **Eldredge, David L., and Bob Holdman.** Vol. 2, no. 3 (May 1982), 197-202.
SELECTING MASTER SLAB WIDTH(S) FOR CONTINUOUS STEEL CASTING. **Vonderembse, Mark A.** Vol. 4, no. 3 (May 1984), 231-244.

CONTROL SYSTEMS

see Production and Manufacturing Planning/Scheduling/and Control Systems, Quality Management/ Control Systems

COSTING/COST ACCOUNTING FOR OPERATIONS

MRP STRATEGIES: EFFECTS ON CASH FLOW. **Veral, Emre A.** Vol. 8, no. 4 (October 1989), 364-376.
TOWARDS A THEORY OF MANUFACTURING OVERHEAD COST BEHAVIOR: A CONCEPTUAL AND EMPIRICAL ANALYSIS. **Raffi, Farshad, and Paul M. Swamidass.** Vol. 7, no. 2 (October 1987), 121-137.
THE USE OF COST-BASED PRIORITIES IN RANDOM AND FLOW SHOPS. **Scudder, Gary D., and Hoffmann, Thomas R.** Vol. 7, no. 2 (October 1987), 217-232.

CUTTING-STOCK/TRIMMING

SELECTING MASTER SLAB WIDTH(S) FOR CONTINUOUS STEEL CASTING. **Vonderembse, Mark A.** Vol. 4, no. 3 (May 1984), 231-244.

DECISION SUPPORT/EXPERT SYSTEMS FOR OPERATIONS

APPLICATIONS OF DECISION SUPPORT AND EXPERT SYSTEMS IN FLEXIBLE MANUFACTURING SYSTEMS. **Turban, Efraim, and Mehran Sepehri.** Vol. 6, no. 4 (August 1986), 433-448.
DECISION SUPPORT SYSTEMS (DSS) DESIGN FOR OPERATIONS MANAGERS: AN EMPIRICAL STUDY OF THE IMPACT OF REPORT DESIGN AND DECISION STYLE ON EFFECTIVE CHOICE. **Davis, Donald L., R. Dean Davis, and William S. Shrode.** Vol. 7, no. 1 (October 1987), 47-62.
EXPERT SYSTEMS IN PRODUCTION MANAGEMENT: AN ASSESSMENT. **Mertens, Peter, and John J. Kanet.** Vol. 6, no. 4 (August 1986), 393-404.
A HEURISTIC PROGRAMMING APPROACH TO THE EMPLOYEE SCHEDULING PROBLEM AND SOME THOUGHTS ON "MANAGERIAL ROBOTS." **Glover, Fred, Claude McMillan, and Randy Glover.** Vol. 4, no. 2 (February 1984), 113-128.
THE USE OF SIMULATION IN SYSTEM DESIGN: A CASE STUDY USING THE PRECISION LOCATION STRIKE SYSTEM. **Clark, Thomas D., Jr., Gary W. Arnett, and Nicholas W. Reybrock.** Vol. 6, no. 3 (May 1986), 363-379.

DIRECTIONS FOR RESEARCH

ALTERNATIVE RESEARCH PARADIGMS IN OPERATIONS. **Meredith, Jack R., Amitabh Raturi, Kwasi Amoako-Gyampah, and Bonnie Kaplan.** Vol. 8, no. 4 (October 1989), 297-326.
APPLICATIONS OF DECISION SUPPORT AND EXPERT SYSTEMS IN FLEXIBLE MANUFACTURING SYSTEMS. **Turban, Efraim, and Mehran Sepehri.** Vol. 6, no. 4 (August 1986), 433-448.
A CLASSIFICATION AND EVALUATION OF RESEARCH IN OPERATIONS MANAGEMENT. **Chase, Richard B.** Vol. 1, no. 1 (August 1980), 9-14.
EXPERT SYSTEMS IN PRODUCTION MANAGEMENT: AN ASSESSMENT. **Mertens, Peter, and John J. Kanet.** Vol. 6, no. 4 (August 1986), 393-404.
A METHODOLOGY FOR PREDICTING SINGLE-STAGE LOT-SIZING PERFORMANCE: ANALYSIS AND EXPERIMENTS. **Blackburn, Joseph D., and Millen, Robert A.** Vol. 5, no. 4 (August 1985), 433-448.
THE OPERATIONS MANAGEMENT RESEARCH AGENDA: AN UPDATE. **Amoako-Gyampah, Kwasi, and Jack R. Meredith.** Vol. 8, no. 3 (August 1989), 250-262.
OPERATIONS MANAGEMENT TAXONOMY. **Prentis, Eric L.** Vol. 7, no. 1 (October 1987), 63-78.

OPERATIONS STRATEGY: A LITERATURE REVIEW. **Anderson, John C., Gary Cleveland, and Roger G. Schroeder.** Vol. 8, no. 2 (April 1989), 133-158.

PROGRESS TOWARD THE "FACTORY OF THE FUTURE." **Rosenthal, Stephen R.** Vol. 4, no. 3 (May 1984), 203-229.

RELEARNING FROM THE OLD MASTERS: LESSONS OF THE AMERICAN SYSTEM OF MANUFACTURING. **Abernathy, William J., and John E. Corcoran.** Vol. 3, no. 4 (August 1983), 155-167.

RESEARCH IN OPERATIONS MANAGEMENT. **Buffa, Elwood S.** Vol. 1, no. 1 (August 1980), 1-7.

RESEARCH NEEDS IN MANAGING FACTORY AUTOMATION. **Meredith, Jack, Nancy L. Hyer, Donald Gerwin, Stephen R. Rosenthal, and Wemmerlöv, Urban.** Vol. 6, no. 2 (February 1986), 203-218.

SERVICE OPERATIONS MANAGEMENT: RESEARCH AND APPLICATION. **Mabert, Vincent A.** Vol. 2, no. 4 (August 1982), 203-209.

THE SERVICE SECTOR: CHALLENGES AND IMPERATIVES FOR RESEARCH IN OPERATIONS MANAGEMENT. **Sullivan, Robert S.** Vol. 2, no. 4 (August 1982), 211-214.

DISTRIBUTION/LOGISTICS SYSTEMS

COMPARISON OF EXACT AND APPROXIMATE METHODS OF SOLVING THE UNCAPACITATED PLANT LOCATION PROBLEM. **Thizy, Jean-Michel, Luk N. Van Wassenhove, and Basheer M. Khumawala.** Vol. 6, no. 1 (November 1985), 23-34.

DISPLAN: A MULTIPRODUCT PLANT/WAREHOUSE LOCATION MODEL WITH NONLINEAR INVENTORY. **Ballou, Ronald H.** Vol. 5, no. 1 (August 1984), 75-90.

ESTIMATING AND AUDITING AGGREGATE INVENTORY LEVELS AT MULTIPLE STOCKING POINTS. **Ballou, Ronald H.** Vol. 1, no. 3 (February 1981), 143-153.

A HEURISTIC ALGORITHM FOR MANAGING INVENTORY IN A MULTI-ECHELON ENVIRONMENT. **Bregman, Robert L., Larry P. Ritzman, and Lee J. Krajewski.** Vol. 8, no. 3 (August 1989), 186-208.

MANAGING PRODUCT LINES THAT SHARE A COMMON CAPACITY BASE. **Morecroft, John D.W.** Vol. 3, no. 2 (February 1983), 57-66.

AN OPTIMAL INVENTORY MODEL WHERE RESUPPLY IS POSSIBLE BUT UNCERTAIN. **Haber, Sheldon E., and Rosedith Sitgreaves.** Vol. 1, no. 1 (August 1980), 31-36.

REDUCING VENDOR DELIVERY UNCERTAINTIES IN A JIT ENVIRONMENT. **Hill, Arthur V., and Thomas E. Vollmann.** Vol. 6, no. 4 (August 1986), 381-392.

EQUIPMENT REPAIR/REPLACEMENT/MAINTENANCE MANAGEMENT

AN AVAILABILITY MODEL FOR THE EVALUATION OF EQUIPMENT ALTERNATIVES. **Lingaraj, B.P., and Way Kuo.** Vol. 3, no. 3 (May 1983), 149-154.

THE COMPLEMENTARY NATURE OF MANUFACTURING GOALS BY THEIR RELATIONSHIP TO THROUGHPUT TIME: A THEORY OF INTERNAL VARIABILITY OF PRODUCTION SYSTEMS. **Wacker, John G.** Vol. 7, no. 2 (October 1987), 91-106.

DEVELOPING MAINTENANCE CRAFT LABOR EFFICIENCY THROUGH AN INTEGRATED PLANNING AND CONTROL SYSTEM: A PRESCRIPTIVE MODEL. **Finch, Byron J., and James P. Gilbert.** Vol. 6, no. 4 (August 1986), 449-459.

IMPLEMENTING MULTIPLE CRITERIA ABC ANALYSIS. **Flores, Benito E., and D. Clay Whybark.** Vol. 7, no. 1 (October 1987), 79-85.

OPTIMAL INVENTORIES FOR REPAIRABLE REDUNDANT SYSTEMS WITH AGING COMPONENTS. **Smith, Charles H., and Margaret K. Schaefer.** Vol. 5, no. 3 (May 1985), 339-349.

OPTIMAL MAINTENANCE CENTER INVENTORIES FOR FAULT-TOLERANT REPAIRABLE SYSTEMS. **Lawrence, Sidney H., and Margaret K. Schaefer.** Vol. 4, no. 2 (February 1984), 175-181.

THE USE OF SIMULATION IN SYSTEM DESIGN: A CASE STUDY USING THE PRECISION LOCATION STRIKE SYSTEM. **Clark, Thomas D., Jr., Gary W. Arnett, and Nicholas W. Reybrock.** Vol. 6, no. 3 (May 1986), 363-379.

USING DECISION MODELING TO EXAMINE MANAGEMENT CONSENSUS: A STUDY OF A MAINTENANCE MANAGEMENT CONTROL SYSTEM. **Stahl, Michael J., and Thomas W. Zimmerer.** Vol. 3, no. 2 (February 1983), 93-98.

EXPERT SYSTEMS FOR OPERATIONS

see Decision Support/Expert Systems for Operations

FACILITIES LAYOUT

A COST-EFFECTIVE APPROACH TO STOCHASTIC LINE BALANCING WITH OFF-LINE REPAIRS. **Carter, John C., and Fred N. Silverman.** Vol. 4, no. 2 (February 1984), 145-157.

THE HUMAN FACTOR IN CELLULAR MANUFACTURING. **Huber, Vandra L., and Nancy Lea Hyer.** Vol. 5, no. 2 (February 1985), 213-228.

MERGING PRESCRIPTIVE AND BEHAVIORAL APPROACHES FOR OFFICE LAYOUT. **Schuler, Randall S., Larry P. Ritzman, and Vicki Davis.** Vol. 1, no.3 (February 1981), 131-142.

METHODS OF CELL FORMATION IN GROUP TECHNOLOGY: A FRAMEWORK FOR EVALUATION. **Vakharia, Asoo J.** Vol. 6, no. 3 (May 1986), 257-271.

THE POTENTIAL OF GROUP TECHNOLOGY FOR U.S. MANUFACTURING. **Hyer, Nancy Lea.** Vol. 4, no. 3 (May 1984), 183-202.

A RESOURCE ALLOCATION PROBLEM WITH THE AID OF AN INTEGER ZERO-ONE PROGRAMMING MODEL IN THE PLASTICS INDUSTRY. **Mehrez, Abraham.** Vol. 5, no. 4 (August 1985), 455-460.

FACILITY LOCATION/ALLOCATION

CAPACITATED HEURISTIC PROGRAM FOR MULTI-ACTIVITY, MULTI-FACILITY SYSTEM DESIGNS. **Khumawala, Basheer M., and Joel P. Stinson.** Vol. 4, no. 4 (August 1984), 295-304.

COMPARISON OF EXACT AND APPROXIMATE METHODS OF SOLVING THE UNCAPACITATED PLANT LOCATION PROBLEM. **Thizy, Jean-Michel, Luk N. Van Wassenhove, and Basheer M. Khumawala.** Vol. 6, no. 1 (November 1985), 23-34.

DISPLAN: A MULTIPRODUCT PLANT/WAREHOUSE LOCATION MODEL WITH NONLINEAR INVENTORY. **Ballou, Ronald H.** Vol. 5, no. 1 (August 1984), 75-90.

EMERGENCY AMBULANCE LOCATION USING THE CONTIGUOUS ZONE SEARCH ROUTINE. **Fitzsimmons, James A., and Bellur N. Srikar.** Vol. 2, no. 4 (August 1982), 225-237.

GOAL PROGRAMMING APPLIED TO POLICE PATROL ALLOCATION. **Saladin, Brooke A.** Vol. 2, no. 4 (August 1982), 239-249.

PLANNING HORIZON RESULTS FOR THE DYNAMIC WAREHOUSE LOCATION PROBLEM. **Kelly, David L., and Ann S. Marucheck.** Vol. 4, no. 3 (May 1984), 279-294.

SEQUENTIAL FACILITY LOCATION WITH DISTANCE-DEPENDENT DEMAND. **Berman, Oded, and Celik Parkan.** Vol. 2, no. 4 (August 1982), 261-268.

SIMPLE METHODS FOR UNCAPACITATED FACILITY LOCATION/ALLOCATION PROBLEMS. **Sule, Dileep R.** Vol. 1, no. 4 (May 1981), 215-223.

THE USE OF SIMULATION IN SYSTEM DESIGN: A CASE STUDY USING THE PRECISION LOCATION STRIKE SYSTEM. **Clark, Thomas D., Jr., Gary W. Arnett, and Nicholas W. Reybrock.** Vol. 6, no. 3 (May 1986), 363-379.

FLEXIBLE MANUFACTURING SYSTEMS

APPLICATIONS OF DECISION SUPPORT AND EXPERT SYSTEMS IN FLEXIBLE MANUFACTURING SYSTEMS. **Turban, Efraim, and Mehran Sepehri.** Vol. 6, no. 4 (August 1986), 433-448.

AN ASSESSMENT OF INDUSTRIAL ROBOTS: CAPABILITIES, ECONOMICS, AND IMPACTS. **Bard, Jonathan F.** Vol. 6, no. 2 (February 1986), 99-124.

COMPONENT PART STANDARDIZATION: AN ANALYSIS OF COMMONALITY SOURCES AND INDICES. **Wacker, John G., and Mark Treleven.** Vol. 6, no. 2 (February 1986), 219-244.

DUE DATE BASED SCHEDULING IN A GENERAL FLEXIBLE MANUFACTURING SYSTEM. **Raman, N., F.B. Talbot, and R.V. Rachamadugu.** Vol. 8, no. 2 (April 1989), 115-132.
AN EXPERIMENTAL INVESTIGATION OF FMS SCHEDULING RULES UNDER UNCERTAINTY. **Denzler, David R., Warren J. Boe, and Edward Duplaga.** Vol. 7, no. 2 (October 1987), 139-151.
A NATURAL STARTING STRATEGY FOR ARONSON'S HEURISTIC 1 FOR SOLVING THE DETERMINISTIC, SINGLE OPERATOR, MULTIPLE MACHINE, MULTIPLE RUN CYCLIC SCHEDULING PROBLEM. **Aronson, Jay E.** Vol. 7, no. 1 (October 1987), 87-90.
SCHEDULING OF RE-ENTRANT FLOW SHOPS. **Graves, Stephen C., Harlan C. Meal, Daniel Stefek, and Abdel Hamid Zeghmi.** Vol. 3, no. 4 (August 1983), 197-207.

FORECASTING

THE BEHAVIOR OF LOT-SIZING PROCEDURES IN THE PRESENCE OF FORECAST ERRORS. **Urban Wemmerlöv.** Vol. 8, no. 1 (January 1989), 37-54.
EXPONENTIALLY SMOOTHED REGRESSION ANALYSIS FOR DEMAND FORECASTING. **Roodman, Gary M.** Vol. 6, no. 4 (August 1986), 485-497.
FORECASTING FOR SOLID WASTES OPERATIONS. **Westerman, Robert R.** Vol. 1, no. 4 (May 1981), 183-195.
FORECASTING THE RETURNS OF REUSABLE CONTAINERS. **Kelle, Peter, and Edward A. Silver.** Vol. 8, no. 1 (January 1989), 17-35.
A NOTE ON STOPPING RULES FOR ROLLING PRODUCTION SCHEDULING. **Kropp, Dean H., Robert C. Carlson, and Sara L. Beckman.** Vol. 3, no. 3, (May 1983), 113-119.
PRODUCTION LOT SIZING FOR DETERMINISTIC ROLLING SCHEDULES. **Bookbinder, James H., and Bak-Tee H'ng.** Vol. 6, no. 3 (May 1986), 349-362.
RESTARTING A FORECASTING SYSTEM WHEN DEMAND SUDDENLY CHANGES. **McClain, John O.** Vol. 2, no. 1 (October 1981), 53-61.
SHORT INTERVAL FORECASTING OF EMERGENCY PHONE CALL (911) WORK LOADS. **Mabert, Vincent A.** Vol. 5, no. 3 (May 1985), 259-271.
A SIMULATION STUDY OF SMOOTHING CONSTANT LIMITS FOR AN ADAPTIVE FORECASTING SYSTEM. **Flowers, Dale A.** Vol. 1, no. 2 (November 1980), 85-94.

GROUP TECHNOLOGY

ACHIEVING FACTORY AUTOMATION THROUGH GROUP TECHNOLOGY PRINCIPLES. **Suresh, Nallan C., and Jack R. Meredith.** Vol. 5, no. 2 (February 1985), 151-167.
COMPONENT PART STANDARDIZATION: AN ANALYSIS OF COMMONALITY SOURCES AND INDICES. **Wacker, John G., and Mark Treleven.** Vol. 6, no. 2 (February 198 6), 219-244.
THE HUMAN FACTOR IN CELLULAR MANUFACTURING. **Huber, Vandra L., and Nancy Lea Hyer.** Vol. 5, no. 2 (February 1985), 213-228.
METHODS OF CELL FORMATION IN GROUP TECHNOLOGY: A FRAMEWORK FOR EVALUATION. **Vakharia, Asoo J.** Vol. 6, no. 3 (May 1986), 257-271.
THE POTENTIAL OF GROUP TECHNOLOGY FOR U.S. MANUFACTURING. **Hyer, Nancy Lea.** Vol. 4, no. 3 (May 1984), 183-202.
REPETITIVE LOTS: THE USE OF A SEQUENCE-DEPENDENT SET-UP TIME SCHEDULING PROCEDURE IN GROUP TECHNOLOGY AND TRADITIONAL SHOPS. **Flynn, Barbara B.** Vol. 7, no. 2 (October 1987), 203-216.
A REVIEW OF CELLULAR MANUFACTURING ASSUMPTIONS, ADVANTAGES AND DESIGN TECHNIQUES. **Greene, Timothy J., and Randall P. Sadowski.** Vol. 4, no. 2 (February 1984), 85-97.

HUMAN FACTOR IN OPERATIONS

see Behavioral Variables in Production Systems, Implementation of Research in Operations, Work Force/ Staff Scheduling

IMPLEMENTATION OF RESEARCH IN OPERATIONS

AN APPLICATION OF THE SURVEY-FEEDBACK METHOD IN A SERVICE OPERATION. **LaForge, Lawrence R., D. Robley Wood, Jr., and Randall G. Sleeth.** Vol. 5, no. 1 (August 1984), 103-118.

APPLICATIONS OF DECISION SUPPORT AND EXPERT SYSTEMS IN FLEXIBLE MANUFACTURING SYSTEMS. **Turban, Efraim, and Mehran Sepehri.** Vol. 6, no. 4 (August 1986), 433-448.

CASE STUDIES OF COMPUTER INTEGRATED MANUFACTURING SYSTEMS: A VIEW OF UNCERTAINTY AND INNOVATION PROCESSES. **Gerwin, Donald, and Jean Claude Tarondeau.** Vol. 2, no. 2 (February 1982), 87-99.

DESIGN OF TIME-OF-USE RATE PERIODS FOR A UTILITY. **Dobrow, Samuel A., and B.P. Lingaraj.** Vol. 7, no. 3 (December 1988), 25-43.

EOQ APPLICATION IN A PHARMACEUTICAL ENVIRONMENT: A CASE STUDY. **Ouellet, Roch, Jacques Roi, Claude Cardinal, and Yves Rosconi.** Vol. 3, no. 1 (November 1982), 49-55.

GETTING FORM "JUST-IN-CASE" TO "JUST-IN-TIME": INSIGHTS FROM A SIMPLE MODEL. **Suri, Rajan, and Suzanne De Treville.** Vol. 6, no. 3 (May 1986), 295-304.

HIERARCHICAL INTEGRATION IN PRODUCTION PLANNING: THEORY AND PRACTICE. **Gelders, Ludo F., and Luk N. Van Wassenhove.** Vol. 3, no. 1 (November 1982), 27-35.

THE HUMAN FACTOR IN CELLULAR MANUFACTURING. **Huber, Vandra L., and Nancy Lea Hyer.** Vol. 5, no. 2 (February 1985), 213-228.

THE IMPLEMENTATION OF COMPUTER BASED SYSTEMS. **Meredith, Jack R.** Vol. 2, no. 1 (October 1981), 11-21.

IMPLEMENTING MULTIPLE CRITERIA ABC ANALYSIS. **Flores, Benito E., and D. Clay Whybark.** Vol. 7, no. 1 (October 1987), 79-85.

IMPROVED HIERARCHICAL PRODUCTION PLANNING. **Leong, G. Keong, Michael D. Oliff, and Robert E. Markland.** Vol. 8, no. 2 (April 1989), 90-114.

IMPROVED IMPLEMENTATION OF INVENTORY CONTROL MODELS THROUGH EQUIVALENT FORMULATIONS. **Oral, Muhittin.** Vol. 1, no. 4 (May 1981), 173-181.

INTEGER GOAL PROGRAMMING FOR MULTISTAGE LOT SIZING: EXPERIMENTATION AND IMPLEMENTATION. **Vickery, Shawnee K., and Robert E. Markland.** Vol. 5, no. 2 (February 1985), 169-182.

MATERIALS MANAGEMENT: THE KEY IS PEOPLE MANAGEMENT (FIVE BRIEF CASE HISTORIES). **Aggarwal, Sumer C.** Vol. 6, no. 1 (November 1985), 43-49.

OPERATIONS CHANGE INTERACTIONS IN A SERVICE ENVIRONMENT: ATTITUDES, BEHAVIORS, AND PROFITABILITY. **Adam, Everett E., Jr.** Vol. 2, no. 1 (October 1981), 63-76.

PDF VERSUS LP: AN EMPIRICAL AGGREGATE PLANNING COMPARISON. **Holt, Jack A.** Vol. 3, no. 3 (May 1983), 141-147.

PLANNING A SUCCESSFUL ROBOTICS IMPLEMENTATION. **Liberatore, Matthew J., and Jolena O'Neill.** Vol. 5, no. 3 (May 1985), 247-257.

THE POTENTIAL OF GROUP TECHNOLOGY FOR U.S. MANUFACTURING. **Hyer, Nancy Lea.** Vol. 4, no. 3 (May 1984), 183-202.

SOME OBSERVATIONS ON THE ADVANTAGES AND IMPLEMENTATION ISSUES OF JUST-IN-TIME PRODUCTION SYSTEMS. **Schonberger, Richard J.** Vol. 3, no. 1 (November 1982), 1-11.

A STUDY OF MRP BENEFITS AND COSTS. **Schroeder, Roger G., John C. Anderson, Sharon E. Tupy, and Edna M. White.** Vol. 2, no. 1 (October 1981), 1-9.

A STUDY OF THE MRP IMPLEMENTATION PROCESS. **White, Edna M., John C. Anderson, Roger G. Schroeder, and Sharon E. Tupy.** Vol. 2, no. 3 (May 1982), 145-153.

THE USE OF SIMULATION IN SYSTEM DESIGN: A CASE STUDY USING THE PRECISION LOCATION STRIKE SYSTEM. **Clark, Thomas D., Jr., Gary W. Arnett, and Nicholas W. Reybrock.** Vol. 6, no. 3 (May 1986), 363-379.

USING DECISION MODELING TO EXAMINE MANAGEMENT CONSENSUS: A STUDY OF A

MAINTENANCE MANAGEMENT CONTROL SYSTEM. **Stahl, Michael J., and Thomas W. Zimmerer.** Vol. 3, no. 2 (February 1983), 93-98.

IMPROVEMENT OF PRODUCTION PROCESSES

THE HUMAN FACTOR IN CELLULAR MANUFACTURING. **Huber, Vandra L., and Nancy Lea Hyer.** Vol. 5, no. 2 (February 1985), 213-228.

IMPROVING FUEL UTILIZATION IN STEEL MILL OPERATIONS USING LINEAR PROGRAMMING. **Markland, Robert E.** Vol. 1, no. 2 (November 1980), 95-102.

INNOVATION IN MANUFACTURING. **Schroeder, Roger G., Gary D. Scudder, and Dawn R. Elm.** Vol. 8, no. 1 (January 1989), 1-15.

INFORMATION PROCESSING/INFORMATION SYSTEMS

see Computers/Information Processing/and Information Systems in Operation

INVENTORY AND MATERIALS MANAGEMENT

ASSEMBLE-TO-ORDER MANUFACTURING: IMPLICATIONS FOR MATERIALS MANAGEMENT. **Wemmerlöv, Urban.** Vol. 4, no. 4 (August 1984), 347-368.

THE COMPLEMENTARY NATURE OF MANUFACTURING GOALS BY THEIR RELATIONSHIP TO THROUGHPUT TIME: A THEORY OF INTERNAL VARIABILITY OF PRODUCTION SYSTEMS. **Wacker, John G.** Vol. 7, no. 2 (October 1987), 91-106.

COMPONENT PART STANDARDIZATION: AN ANALYSIS OF COMMONALITY SOURCES AND INDICES. **Wacker, John G., and Mark Treleven.** Vol. 6, no. 2 (February 1986), 219-244.

CONSTRAINED RESOURCE PROJECT SCHEDULING SUBJECT TO MATERIAL CONSTRAINTS. **Smith-Daniels, Dwight E., and Nicholas J. Aquilano.** Vol. 4, no. 4 (August 1984), 369-387.

DISPLAN: A MULTIPRODUCT PLANT/WAREHOUSE LOCATION MODEL WITH NONLINEAR INVENTORY. **Ballou, Ronald H.** Vol. 5, no. 1 (August 1984), 75-90.

THE EFFECT OF INVENTORY COSTS ON THE LIFO LAYER LIQUIDATION DECISION. **Cottell, Philip G., Jr., and Jon M. Patton.** Vol. 7, no. 3 (December 1988), 59-72.

THE EFFECT OF VARIOUS PRODUCTION STRATEGIES ON PRODUCT STRUCTURES WITH COMMONALITY. **Guerrero, Hector H.** Vol. 5, no. 4 (August 1985), 395-410.

THE EFFECTS OF WORK-IN-PROCESS INVENTORY CONSIDERATIONS ON LEARNING CURVE CONSTRUCTION. **Malstrom, Eric M., and Jack W. Fleming.** Vol. 2, no. 2 (February 1982), 101-111.

EOQ APPLICATION IN A PHARMACEUTICAL ENVIRONMENT: A CASE STUDY. **Ouellet, Roch, Jacques Roi, Claude Cardinal, and Yves Rosconi.** Vol. 3, no. 1 (November 1982), 49-55.

ESTIMATING AND AUDITING AGGREGATE INVENTORY LEVELS AT MULTIPLE STOCKING POINTS. **Ballou, Ronald H.** Vol. 1, no. 3 (February 1981), 143-153.

ESTIMATING SERVICE LEVEL IMPACTS FROM CHANGES IN CYCLE COUNT, BUFFER STOCK, OR CORRECTIVE ACTION. **Morey, Richard C.** Vol. 5, no. 4 (August 1985), 411-418.

AN EVALUATION OF OVERTIME POLICIES FOR A REPAIR SHOP. **Scudder, Gary D.** Vol. 6, no. 1 (November 1985), 87-98.

A HEURISTIC ALGORITHM FOR MANAGING INVENTORY IN A MULTI-ECHELON ENVIRONMENT. **Bregman, Robert L., Larry P. Ritzman, and Lee J. Krajewski.** Vol. 8, no. 3 (August 1989), 186-208.

HEURISTIC POLICIES FOR INVENTORY ORDERING PROBLEMS WITH LONG AND RANDOMLY VARYING LEAD TIMES. **Foote, Bob, Naghi Kebriaei, and Hillel Kumin.** Vol. 7, no. 4 (December 1988), 115-124.

THE IMPACT OF SAFETY STOCK ON SCHEDULE INSTABILITY, COST AND SERVICE. **Sridharan, V., and R. Lawrence LaForge.** Vol. 8, no. 4 (October 1989), 327-347.

IMPLEMENTING MULTIPLE CRITERIA ABC ANALYSIS. **Flores, Benito E., and D. Clay Whybark.** Vol. 7, no. 1 (October 1987), 79-85.

IMPROVING PERISHABLE PRODUCT INVENTORY MANAGEMENT USING GOAL PROGRAMMING. **Kendall, Kenneth E., and Sang M. Lee.** Vol. 1, no. 2 (November 1980), 77-84.

INTEGER GOAL PROGRAMMING FOR MULTISTAGE LOT SIZING: EXPERIMENTATION AND IMPLEMENTATION. **Vickery, Shawnee K., and Robert E. Markland.** Vol. 5, no. 2 (February 1985), 169-182.

THE INTERCHANGEABILITY OF SAFETY STACKS AND SAFETY LEAD TIME. **Chang, C. Alec.** Vol. 6, no. 1 (November 1985), 35-42.

IRREGULAR WORKLOADS WITH MRP SYSTEMS: SOME CAUSES AND CONSEQUENCES. **Bott, Kevin N., and Larry P. Ritzman.** Vol. 3, no. 4 (August 1983), 169-182.

LEARNING CURVES AND LOT SIZING FOR INDEPENDENT AND DEPENDENT DEMAND. **Kopcso, David P., and William C. Nemitz.** Vol. 4, no. 1 (November 1983), 73-83.

MATERIALS MANAGEMENT: THE KEY IS PEOPLE MANAGEMENT (FIVE BRIEF CASE HISTORIES). **Aggarwal, Sumer C.** Vol. 6, no. 1 (November 1985), 43-49.

MRP STRATEGIES: EFFECTS ON CASH FLOW. **Veral, Emre A.** Vol. 8, no. 4 (October 1989), 364-376.

MRP WITH HIGH UNCERTAIN YIELD LOSSES. **New, Colin, and John Mapes.** Vol. 4, no. 4 (August 1984), 315-330.

MULTIPLANT MRP. **Bitran, Gabriel R., David M. Marieni, Hirofumi Matsuo, and James W. Noonan.** Vol. 5, no. 2 (February 1985), 183-203.

OPTIMUM STOCK LEVELS FOR EXCESS INVENTORY ITEMS. **Tersine, Richard J., and Richard A. Toelle.** Vol. 4, no. 3 (May 1984), 245-258.

OVERLAPPING OPERATIONS IN MATERIAL REQUIREMENTS PLANNING. **Graves, S.C., and M.M. Kostreva.** Vol. 6, no. 3 (May 1986), 283-294.

THE PART-PERIOD BALANCING ALGORITHM AND ITS LOOK AHEAD-LOOK BACK FEATURE: A THEORETICAL AND EXPERIMENTAL ANALYSIS OF A SINGLE LOT-SIZING PROCEDURE. **Wemmerlöv, Urban.** Vol. 4, no. 1 (November 1983), 23-39.

QUEUE CONTROL USING A HISTORICALLY DEVELOPED STOCHASTIC MODEL. **Ballou, Donald P., and John C. Fisk.** Vol. 3, no. 2 (February 1983), 99-103.

REQUIREMENTS PLANNING SYSTEMS IN THE HEALTH CARE ENVIRONMENT. **Steinberg, Earle, Basheer Khumawala, and Richard Scamell.** Vol. 2, no. 4 (August 1982), 251-259.

RESOLVING UNCERTAINTY IN MANUFACTURING SYSTEMS. **Schmitt, Thomas G.** Vol. 4, no. 4 (August 1984), 331-345.

THE RETAIL INVENTORY METHOD: THE THIRD MAJOR COSTING SYSTEM. **Corcoran, A. Wayne.** Vol. 6, no. 4 (August 1986), 417-431.

A RISK/BENEFIT ANALYSIS OF SOURCING STRATEGIES: SINGLE VS. MULTIPLE SOURCING. **Treleven, Mark, and Sharon Bergman Schweikhart.** Vol. 7, no. 4 (December 1988), 93-114.

SAFETY STOCKS AND COMPONENT COMMONALITY. **Baker, Kenneth R.** Vol. 6, no. 1 (November 1985), 13-22.

A TABLE FOR THE CALCULATION OF SAFETY STOCK. **Aucamp, Donald C., and Robert L. Barringer.** Vol. 7, no. 2 (October 1987), 153-163.

TOWARD A BETTER UNDERSTANDING OF LEAD TIMES IN MRP SYSTEMS. **Kanet, John J.** Vol. 6, no. 3 (May 1986), 305-315.

INVENTORY MODELS

CHOOSING OPTIMAL BUFFERING STRATEGIES FOR DEALING WITH UNCERTAINTY IN MRP. **Etienne, Eisenhower C.** Vol. 7, no. 2 (October 1987), 107-120.

THE EFFECT OF INVENTORY COSTS ON THE LIFO LAYER LIQUIDATION DECISION. **Cottell, Philip G., Jr., and Jon M. Patton.** Vol. 7, no. 3 (December 1988), 59-72.

THE EFFECT OF LEAD-TIME VARIABILITY: THE CASE OF INDEPENDENT DEMAND. **Bagchi, Uttarayan, Jack C. Hayya, and Chao-Hsien Chu.** Vol. 6, no. 2 (February 1986), 159-177.

EOQ APPLICATION IN A PHARMACEUTICAL ENVIRONMENT: A CASE STUDY. **Ouellet, Roch, Jacques Roi, Claude Cardinal, and Yves Rosconi.** Vol. 3, no. 1 (November 1982), 49-55.

ESTIMATING AND AUDITING AGGREGATE INVENTORY LEVELS AT MULTIPLE STOCKING POINTS. **Ballou, Ronald H.** Vol. 1, no. 3 (February 1981), 143-153.

HEURISTIC POLICIES FOR INVENTORY ORDERING PROBLEMS WITH LONG AND RANDOMLY VARYING LEAD TIMES. **Foote, Bob, Naghi Kebriaei, and Hillel Kumin.** Vol. 7, no. 4 (December 1988), 115-124.

IMPROVED IMPLEMENTATION OF INVENTORY CONTROL MODELS THROUGH EQUIVALENT FORMULATIONS. **Oral, Muhittin.** Vol. 1, no. 4 (May 1981), 173-181.

IMPROVING PERISHABLE PRODUCT INVENTORY MANAGEMENT USING GOAL PROGRAMMING. **Kendall, Kenneth E., and Sang M. Lee.** Vol. 1, no. 2 (November 1980), 77-84.

THE INTERCHANGEABILITY OF SAFETY STOCKS AND SAFETY LEAD TIME. **Chang, C. Alec.** Vol. 6, no. 1 (November 1985), 35-42.

ON THE RETENTION OF FINISHED GOODS INVENTORY WHEN REORDER-OCCURRENCE IS UNCERTAIN. **Jesse, Richard R.** Vol. 6, no. 2 (February 1986), 149-157.

AN OPTIMAL ALGORITHM FOR THE QUANTITY DISCOUNT PROBLEM. **Chung, Chia-Shin, Dalen T. Chiang, and Cheng-Yi Lu.** Vol. 7, no. 2 (October 1987), 165-177.

OPTIMAL INVENTORIES FOR REPAIRABLE REDUNDANT SYSTEMS WITH AGING COMPONENTS. **Smith, Charles H., and Margaret K. Schaefer.** Vol. 5, no. 3 (May 1985), 339-349.

AN OPTIMAL INVENTORY MODEL WHERE RESUPPLY IS POSSIBLE BUT UNCERTAIN. **Haber, Sheldon E., and Rosedith Sitgreaves.** Vol. 1, no. 1 (August 1980), 31-36.

OPTIMAL MAINTENANCE CENTER INVENTORIES FOR FAULT-TOLERANT REPAIRABLE SYSTEMS. **Lawrence, Sidney H., and Margaret K. Schaefer.** Vol. 4, no. 2 (February 1984), 175-181.

OPTIMUM STOCK LEVELS FOR EXCESS INVENTORY ITEMS. **Tersine, Richard J., and Richard A. Toelle.** Vol. 4, no. 3 (May 1984), 245-258.

A SIMPLE AND ROBUST MODEL FOR COMPUTING THE SERVICE LEVEL IMPACT OF LOT SIZES IN CONTINUOUS AND LUMPY DEMAND CONTEXTS. **Etienne, Eisenhower C.** Vol. 7, no. 1 (October 1987), 1-9.

A TABLE FOR THE CALCULATION OF SAFETY STOCK. **Aucamp, Donald C., and Robert L. Barringer.** Vol. 7, no. 2 (October 1987), 153-163.

JOB SHOP OPERATIONS/SCHEDULING

APPLICATION OF WORK CENTER CONTROL RULES IN A JOB SHOP ENVIRONMENT. **Seagle, John P., and John C. Fisk.** Vol. 3, no. 1 (November 1982), 43-48.

THE COST OF INFLATED PLANNED LEAD TIMES IN MRP SYSTEMS. **St. John, Ralph.** Vol. 5, no. 2, (February 1985), 119-128.

A DYNAMIC PRIORITY RULE FOR SCHEDULING AGAINST DUE DATES. **Baker, Kenneth R., and J.W.M. Bertrand.** Vol. 3, no. 1 (November 1982), 37-42.

AN EMPIRICAL ANALYSIS OF JOB SHOP DISPATCH RULE SELECTION. **Green, Gary I., and Leonard B. Appel.** Vol. 1, no. 4 (May 1981), 197-203.

EVALUATION OF SCHEDULING TECHNIQUES FOR SOLVING FLOWSHOP PROBLEMS WITH NO INTERMEDIATE STORAGE. **Kang, Byung-Suh, and Markland, Robert E.** Vol. 7, no. 3 (December 1988), 1-24.

AN INVESTIGATION OF LABOR ASSIGNMENT RULES IN A DUAL-CONSTRAINED JOB SHOP. **Treleven, Mark D., and Douglas A. Elvers.** Vol. 6, no. 1 (November 1985), 51-68.

JOB RELEASE AND LABOR FLEXIBILITY IN A DUAL RESOURCE CONSTRAINED JOB SHOP. **Park, Paul Sungchil, and Paul M. Bobrowski.** Vol. 8, no. 3 (August 1989), 230-249.

JOB SHOP SCHEDULING WITH MODIFIED DUE DATES. **Baker, Kenneth R., and Kanet, John J.** Vol. 4, no. 1 (November 1983), 11-22.

LOAD-LIMIT ORDER RELEASE IN JOB SHOP SCHEDULING SYSTEMS. **Kanet, John J.** Vol. 7, no. 3 (December 1988), 44-58.

MANUFACTURING LEAD TIME ACCURACY. **Marlin, Paul G.** Vol. 6, no. 2 (February 1986), 179-202.

A NOTE ON WORKLOAD-DEPENDENT DUE DATE ASSIGNMENT RULES. **Ragatz, Gary L.** Vol. 8, no. 4 (October 1989), #-#.
PRIORITY DISPATCHING WITH OPERATION DUE DATES IN A JOB SHOP. **Kanet, John J., and Jack C. Hayya.** Vol. 2, no. 3 (May 1982), 167-175.
QUEUE CONTROL USING A HISTORICALLY DEVELOPED STOCHASTIC MODEL. **Ballou, Donald P., and John C. Fisk.** Vol. 3, no. 2 (February 1983), 99-103.
REPETITIVE LOTS: THE USE OF A SEQUENCE-DEPENDENT SET-UP TIME SCHEDULING PROCEDURE IN GROUP TECHNOLOGY AND TRADITIONAL SHOPS. **Flynn, Barbara B.** Vol. 7, no. 2 (October 1987), 203-216.
A REVIEW OF CELLULAR MANUFACTURING ASSUMPTIONS, ADVANTAGES AND DESIGN TECHNIQUES. **Greene, Timothy J., and Randall P. Sadowski.** Vol. 4, no. 2 (February 1984), 85-97.
SCHEDULING OF RE-ENTRANT FLOW SHOPS. **Graves, Stephen C., Harlan C. Meal, Daniel Stefek, and Abdel Hamid Zeghmi.** Vol. 3, no. 4 (August 1983), 197-207.
SEQUENCING RULES, PROGRESS MILESTONES AND PRODUCT STRUCTURE IN A MULTI-STAGE JOB SHOP. **Philipoom, Patrick R., Robert E. Markland, and Timothy D. Fry.** Vol. 8, no. 3 (August 1989), 209-229.
A SIMULATION ANALYSIS OF DUE DATE ASSIGNMENT RULES. **Ragatz, Gary L., and Vincent A. Mabert.** Vol. 5, no. 1 (November 1984), 27-39.
SIMULATION STUDY OF A CLOSED-LOOP JOB SHOP. **Glaser, Roger B., and Michael P. Hottenstein.** Vol. 2, no. 3 (May 1982), 155-166.
A SIMULATION STUDY OF PROCESSING TIME DISPATCHING RULES. **Fry, Timothy D., Patrick R. Philipoom, and John H. Blackstone.** Vol. 7, no. 4 (December 1988), 77-92.
THE USE OF COST-BASED PRIORITIES IN RANDOM AND FLOW SHOPS. **Scudder, Gary D., and Hoffmann, Thomas R.** Vol. 7, no. 2 (October 1987), 217-232.
THE USE OF WORKLOAD INFORMATION TO CONTROL JOB LATENESS IN CONTROLLED AND UNCONTROLLED RELEASE PRODUCTION SYSTEMS. **Bertrand, J.W.M.** Vol. 3, no. 2 (February 1983), 79-92.

JUST-IN-TIME SYSTEMS

GETTING FROM "JUST-IN-CASE" TO "JUST-IN-TIME": INSIGHTS FROM A SIMPLE MODEL. **Suri, Rajan, and Suzanne De Treville.** Vol. 6, no. 3 (May 1986), 295-304.
REDUCING VENDOR DELIVERY UNCERTAINTIES IN A JIT ENVIRONMENT. **Hill, Arthur V., and Thomas E. Vollmann.** Vol. 6, no. 4 (August 1986), 381-392.
SOME OBSERVATIONS ON THE ADVANTAGES AND IMPLEMENTATION ISSUES OF JUST-IN-TIME PRODUCTION SYSTEMS. **Schonberger, Richard J.** Vol. 3, no. 1 (November 1982), 1-11.

LAYOUT
see Facilities Layout

LEARNING CURVES

THE EFFECTS OF WORK-IN-PROCESS INVENTORY CONSIDERATIONS ON LEARNING CURVE CONSTRUCTION. **Malstrom, Eric M., and Jack W. Fleming.** Vol. 2, no. 2 (February 1982), 101-111.
GETTING FROM "JUST-IN-CASE" TO "JUST-IN-TIME": INSIGHTS FROM A SIMPLE MODEL. **Suri, Rajan, and Suzanne De Treville.** Vol. 6, no. 3 (May 1986), 295-304.
LEARNING CURVES AND LOT SIZING FOR INDEPENDENT AND DEPENDENT DEMAND. **Kopcso, David P., and William C. Nemitz.** Vol. 4, no. 1 (November 1983), 73-83.

LOCATION,
see Facility Location/Allocation

LOGISTICS SYSTEMS
see Distribution/Logistics Systems

LOT SIZING

THE BEHAVIOR OF LOT-SIZING PROCEDURES IN THE PRESENCE OF FORECAST ERRORS. **Urban Wemmerlöv.** Vol. 8, no. 1 (January 1989), 37-54.

A COMPARISON OF MRP LOT-SIZING METHODS CONSIDERING CAPACITY CHANGE COSTS. **Collier, David A.** Vol. 1, no. 1 (August 1980), 23-29.

COMPUTER SIMULATION OF LOT-SIZING ALGORITHMS IN THREE-STAGE MULTI-ECHELON INVENTORY SYSTEMS. **Choi, Hoo-Gon, Eric M. Malstrom, and Ronald J. Classen.** Vol. 4, no. 3 (May 1984), 259-277.

A DISPUTE ON JAMES R. EVANS' "AN EFFICIENT IMPLEMENTATION OF THE WAGNER-WHITIN ALGORITHM FOR DYNAMIC LOT SIZING." **Chong, Philip.** Vol. 7, no. 1 (October 1987), 27-31.

DYNAMIC LOT-SIZING TECHNIQUES: SURVEY AND COMPARISON. **Zoller, Klaus, and Andreas Robrade.** Vol. 7, no. 4, (December 1988), 125-148.

THE EFFECT OF LOT SIZING ON WORKLOAD VARIABILITY. **Askin, Ronald G., and M. Raghavan.** Vol. 4, no. 1 (November 1983), 53-71.

AN EFFICIENT IMPLEMENTATION OF THE WAGNER-WHITIN ALGORITHM FOR DYNAMIC LOT SIZING. **Evans, James R.** Vol. 5, no. 2 (February 1985), 229-235.

AN EMPIRICAL INVESTIGATION OF DIFFERENT STRATEGIES FOR MATERIAL REQUIREMENTS PLANNING. **Bahl, Harish C., and Larry P. Ritzman.** Vol. 3, no. 2 (February 1983), 67-77.

FULL FIXED-COST RECOVERY LOT SIZING WITH QUANTITY DISCOUNTS. **Britney, R.R., P.J. Kuzdrall, and N. Fartuch.** Vol. 3, no. 3 (May 1983), 131-140.

A GENERALIZED LOT-SIZING MODEL FOR THE PROCESS CYCLING PROBLEM. **Matthews, John P.** Vol. 1, no. 2 (November 1980), 103-108.

A HEURISTIC ALGORITHM FOR DETERMINING LOT SIZES OF AN ITEM SUBJECT TO REGULAR AND OVERTIME PRODUCTION CAPACITIES. **Dixon, Paul S., Mark D. Elder, Graham K. Rand, and Edward A. Silver.** Vol. 3, no. 3 (May 1983), 121-130.

A HEURISTIC ALGORITHM FOR CAPACITY SENSITIVE REQUIREMENTS PLANNING. **Harl, Johannes E., and Larry P. Ritzman.** Vol. 5, no. 3 (May 1985), 309-326.

A HEURISTIC SOLUTION PROCEDURE FOR THE MULTI-ITEM, SINGLE-LEVEL, LIMITED CAPACITY, LOT-SIZING PROBLEM. **Dixon, Paul S., and Edward A. Silver.** Vol. 2, no. 1 (October 1981), 23-39.

THE IMPACT OF A ROLLING SCHEDULE IN A MULTI-LEVEL MRP SYSTEM. **Blackburn, Joseph D., and Robert A. Millen.** Vol. 2, no. 2 (February 1982), 125-135.

INTEGER GOAL PROGRAMMING FOR MULTISTAGE LOT SIZING: EXPERIMENTATION AND IMPLEMENTATION. **Vickery, Shawnee K., and Robert E. Markland.** Vol. 5, no. 2 (February 1985), 169-182.

LEARNING CURVES AND LOT SIZING FOR INDEPENDENT AND DEPENDENT DEMAND. **Kopcso, David P., and William C. Nemitz.** Vol. 4, no. 1 (November 1983), 73-83.

A LOT-SIZING AND SEQUENCING ALGORITHM FOR DYNAMIC DEMANDS UPON A SINGLE FACILITY. **Aras, Omer A., and Lloyd A. Swanson.** Vol. 2, no. 3 (May 1982), 177-185.

MANUFACTURING LEAD TIME ACCURACY. **Marlin, Paul G.** Vol. 6, no. 2 (February 1986), 179-202.

MATERIALS REQUIREMENTS PLANNING (MRP) AND PURCHASE DISCOUNTS. **Benton, W.C., and D. Clay Whybark.** Vol. 2, no. 2 (February 1982), 137-143.

A METHODOLOGY FOR PREDICTING SINGLE-STAGE LOT-SIZING PERFORMANCE: ANALYSIS AND EXPERIMENTS. **Blackburn, Joseph D., and Millen, Robert A.** Vol. 5, no. 4 (August 1985), 433-448.

A NOTE ON SOLVING THE CONCAVE COST DYNAMIC LOT-SIZING PROBLEM IN ALMOST LINEAR TIME. **Evans, James R., Cem Saydam, and Mark McKnew.** Vol. 8, no. 2 (April 1989), 159-167.

A NOTE ON USING THE LOT-SIZING INDEX FOR COMPARING DISCRETE LOT-SIZING TECHNIQUES. **Jesse, Jr., Richard R., and John H. Blackstone, Jr.** Vol. 5, no. 4 (August 1985), 461-464.

AN OPTIMAL ALGORITHM FOR THE QUANTITY DISCOUNT PROBLEM. **Chung, Chia-Shin, Dalen T. Chiang, and Cheng-Yi Lu.** Vol. 7, no. 2 (October 1987), 165-177.

OVERLAPPING OPERATIONS IN MATERIAL REQUIREMENTS PLANNING. **Graves, S.C., and M.M. Kostreva.** Vol. 6, no. 3 (May 1986), 283-294.

THE PART-PERIOD BALANCING ALGORITHM AND ITS LOOK AHEAD-LOOK BACK FEATURE: A THEORETICAL AND EXPERIMENTAL ANALYSIS OF A SINGLE LOT-SIZING PROCEDURE. **Wemmerlöv, Urban.** Vol. 4, no. 1 (November 1983), 23-39.

PRODUCTION LOT SIZING FOR DETERMINISTIC ROLLING SCHEDULES. **Bookbinder, James H., and Bak-Tee H'ng.** Vol. 6, no. 3 (May 1986), 349-362.

RESEARCH ISSUES FOR MULTI-LEVEL LOT SIZING IN MRP SYSTEMS. **Collier, David A.** Vol. 2, no. 2 (February 1982), 113-123.

A SIMPLE AND ROBUST MODEL FOR COMPUTING THE SERVICE LEVEL IMPACT OF LOT SIZES IN CONTINUOUS AND LUMPY DEMAND CONTEXTS. **Etienne, Eisenhower C.** Vol. 7, no. 1 (October 1987), 1-9.

TIME-DEPENDENT DEMAND IN REQUIREMENTS PLANNING: AN EXPLORATORY ASSESSMENT OF THE EFFECTS OF SERIALLY CORRELATED DEMAND SEQUENCES ON LOT-SIZING PERFORMANCE. **Williams, William W., Michael H. Peters, and M.E. Raiszadeh.** Vol. 6, no. 1 (November 1985), 69-85.

MACHINE/WORK CENTER SCHEDULING RULES

DUE DATE BASED SCHEDULING IN A GENERAL FLEXIBLE MANUFACTURING SYSTEM. **Raman, N., F.B. Talbot, and R.V. Rachamadugu.** Vol. 8, no. 2 (April 1989), 115-132.

A DYNAMIC PRIORITY RULE FOR SCHEDULING AGAINST DUE DATES. **Baker, Kenneth R., and J.W.M. Bertrand.** Vol. 3, no. 1 (November 1982), 37-42.

THE EFFECTS OF INPUT CONTROL IN A SIMPLE SCHEDULING MODEL. **Baker, Kenneth R.** Vol. 4, no. 2 (February 1984), 99-112.

AN EXPERIMENTAL INVESTIGATION OF FMS SCHEDULING RULES UNDER UNCERTAINTY. **Denzler, David R., Warren J. Boe, and Edward Duplaga.** Vol. 7, no. 2 (October 1987), 139-151.

THE IMPACT OF SAFETY STOCK ON SCHEDULE INSTABILITY, COST AND SERVICE. **Sridharan, V., and R. Lawrence LaForge.** Vol. 8, no. 4 (October 1989), 327-347.

AN INVESTIGATION OF DUE DATE ASSIGNMENT RULES WITH CONSTRAINED TIGHTNESS. **Baker, Kenneth R., and J.W.M. Bertrand.** Vol. 1, no. 3 (February 1981), 109-120.

AN INVESTIGATION OF LABOR ASSIGNMENT RULES IN A DUAL-CONSTRAINED JOB SHOP. **Treleven, Mark D., and Douglas A. Elvers.** Vol. 6, no. 1 (November 1985), 51-68.

A NATURAL STARTING STRATEGY FOR ARONSON'S HEURISTIC 1 FOR SOLVING THE DETERMINISTIC, SINGLE OPERATOR, MULTIPLE MACHINE, MULTIPLE RUN CYCLIC SCHEDULING PROBLEM. **Aronson, Jay E.** Vol. 7, no. 1 (October 1987), 87-90.

REPETITIVE LOTS: THE USE OF A SEQUENCE-DEPENDENT SET-UP TIME SCHEDULING PROCEDURE IN GROUP TECHNOLOGY AND TRADITIONAL SHOPS. **Flynn, Barbara B.** Vol. 7, no. 2 (October 1987), 203-216.

A RESOURCE ALLOCATION PROBLEM WITH THE AID OF AN INTEGER ZERO-ONE PROGRAMMING MODEL IN THE PLASTICS INDUSTRY. **Mehrez, Abraham.** Vol. 5, no. 4 (August 1985), 455-460.

SCHEDULING INDEPENDENT JOBS ON NONUNIFORM, UNEQUAL PROCESSORS. **Bernardo, John J., and Kun-Si Lin.** Vol. 4, no. 4 (August 1984), 305-313.

TOOLING CONSTRAINTS AND SHOP FLOOR SCHEDULING: A SIMULATION STUDY. **Melnyk, Steven A., Soumen Ghosh, and Gary L. Ragatz.** Vol. 8, no. 2 (April 1989), 69-89.

TWO HEURISTICS FOR THE DETERMINISTIC, SINGLE OPERATOR, MULTIPLE MACHINE,

MULTIPLE RUN CYCLIC SCHEDULING PROBLEM. **Aronson, Jay E.** Vol. 4, no. 2 (February 1984), 159-173.

MAINTENANCE MANAGEMENT
see Equipment Repair/Replacement/Maintenance Management

MANUFACTURING PLANNING
see Production and Manufacturing Planning/Scheduling/and Control Systems

MANUFACTURING STRATEGY/POLICY

ALTERNATIVE RESEARCH PARADIGMS IN OPERATIONS. **Meredith, Jack R., Amitabh Raturi, Kwasi Amoako-Gyampah, and Bonnie Kaplan.** Vol. 8, no. 4 (October 1989), 297-326.

ASSEMBLE-TO-ORDER MANUFACTURING: IMPLICATIONS FOR MATERIALS MANAGEMENT. **Wemmerlöv, Urban.** Vol. 4, no. 4 (August 1984), 347-368.

CAPTURING JUDGMENTS TO CLARIFY PRODUCTION STRATEGY AND POLICY. **Ebert, Ronald J., Dale E. Rude, and Earl A. Cecil.** Vol. 5, no. 2 (February 1985), 129-149.

THE COMPLEMENTARY NATURE OF MANUFACTURING GOALS BY THEIR RELATIONSHIP TO THROUGHPUT TIME: A THEORY OF INTERNAL VARIABILITY OF PRODUCTION SYSTEMS. **Wacker, John G.** Vol. 7, no. 2 (October 1987), 91-106.

THE CONTENT OF MANUFACTURING STRATEGY: AN EMPIRICAL STUDY. **Schroeder, Roger G., John C. Anderson, and Gary Cleveland.** Vol. 6, no. 4 (August 1986), 405-415.

INNOVATION IN MANUFACTURING. **Schroeder, Roger G., Gary D. Scudder, and Dawn R. Elm.** Vol. 8, no. 1 (January 1989), 1-15.

MANUFACTURING STRATEGY: A SELECTED BIBLIOGRAPHY. **Swamidass, Paul M.** Vol. 8, no. 3 (August 1989), 263-277.

MANUFACTURING STRATEGY: ITS ASSESSMENT AND PRACTICE. **Swamidass, Paul M.** Vol. 6, no. 4 (August 1986), 471-484.

MULTIPLANT MANUFACTURING STRATEGIES AMONG THE FORTUNE 500. **Schmenner, Roger W.** Vol. 2, no. 2 (February 1982), 77-86.

THE OPERATIONS MANAGEMENT RESEARCH AGENDA: AN UPDATE. **Amoako-Gyampah, Kwasi, and Jack R. Meredith.** Vol. 8, no. 3 (August 1989), 250-262.

OPERATIONS MANAGEMENT TAXONOMY. **Prentis, Eric L.** Vol. 7, no. 1 (October 1987), 63-78.

OPERATIONS STRATEGY: A LITERATURE REVIEW. **Anderson, John C., Gary Cleveland, and Roger G. Schroeder.** Vol. 8, no. 2 (April 1989), 133-158.

OPTIMAL TECHNOLOGY CHOICE IN A DYNAMIC-STOCHASTIC ENVIRONMENT. **Cohen, Morris A., and Robert M. Halperin.** Vol. 6, no. 3 (May 1986), 317-331.

RELEARNING FROM THE OLD MASTERS: LESSONS OF THE AMERICAN SYSTEM OF MANUFACTURING. **Abernathy, William J., and John E. Corcoran.** Vol. 3, no. 4 (August 1983), 155-167.

RESEARCH NEEDS IN MANAGING FACTORY AUTOMATION. **Meredith, Jack, Nancy L. Hyer, Donald Gerwin, Stephen R. Rosenthal, and Wemmerlöv, Urban.** Vol. 6, no. 2 (February 1986), 203-218.

TOWARDS A THEORY OF MANUFACTURING OVERHEAD COST BEHAVIOR: A CONCEPTUAL AND EMPIRICAL ANALYSIS. **Raffi, Farshad, and Paul M. Swamidass.** Vol. 7, no. 2 (October 1987), 121-137.

MASTER PRODUCTION SCHEDULING

ALTERNATIVE MASTER PRODUCTION SCHEDULING TECHNIQUES IN AN ASSEMBLE-TO-ORDER ENVIRONMENT. **King, Barry E., and W.C. Benton.** Vol. 7, no. 2 (October 1987), 179-201.

ASSEMBLE-TO-ORDER MANUFACTURING: IMPLICATIONS FOR MATERIALS MANAGEMENT. **Wemmerlöv, Urban.** Vol. 4, no. 4 (August 1984), 347-368.

CHOOSING OPTIMAL BUFFERING STRATEGIES FOR DEALING WITH UNCERTAINTY IN MRP. **Etienne, Eisenhower C.** Vol. 7, no. 2 (October 1987). 107-120.
AN EMPIRICAL INVESTIGATION OF DIFFERENT STRATEGIES FOR MATERIAL REQUIREMENTS PLANNING. **Bahl, Harish C., and Larry P. Ritzman.** Vol. 3, no. 2 (February 1983), 67-77.
IRREGULAR WORKLOADS WITH MRP SYSTEMS: SOME CAUSES AND CONSEQUENCES. **Bott, Kevin N., and Larry P. Ritzman.** Vol. 3, no. 4 (August 1983), 169-182.
MAINTENANCE MANAGEMENT: KEEPING UP WITH PRODUCTION'S CHANGING TRENDS AND TECHNOLOGIES. **Gilbert, James P., and Byron J. Finch.** Vol. 6, no. 1 (November 1985), 1-12.
PLANNING HORIZONS FOR MASTER PRODUCTION SCHEDULING. **Chung, Chen-Hua, and Lee J. Krajewski.** Vol. 4, no. 4 (August 1984), 389-406.
PRODUCTION SCHEDULING WITH CAPACITY-CONSTRAINED TRANSPORTATION ACTIVITIES. **Truscott, William G.** Vol. 6, no. 3 (May 1986), 333-348.

MATERIAL REQUIREMENTS PLANNING
see MRP Systems

MATERIALS MANAGEMENT,
see Inventory and Materials Management

MATHEMATICAL PROGRAMMING AND OPTIMIZATION FOR OPERATIONS

COMPARISON OF EXACT AND APPROXIMATE METHODS OF SOLVING THE UNCAPACITATED PLANT LOCATION PROBLEM. **Thizy, Jean-Michel, Luk N. Van Wassenhove, and Basheer M. Khumawala.** Vol. 6, no. 1 (November 1985), 23-34.
A COST MINIMIZATION PRODUCTION PLANNING MODEL FOR CONTINUOUS PROCESS CHEMICAL PLANT OPERATIONS. **Eldredge, David L., and Bob Holdman.** Vol. 2, no. 3 (May 1982), 197-202.
CURRENTLY PRACTICED FORMULATIONS FOR THE ASSEMBLY LINE BALANCE. **Gunther, Richard E., Gordon D. Johnson, and Roger S. Peterson.** Vol. 3, no. 4 (August 1983), 209-221.
DESIGN OF AN INTERRELATED QUALITY SYSTEM FOR A SINGLE PRODUCT MANUFACTURING PROCESS WITH ASSEMBLY. **Knowles, Thomas W., and M. Zia Hassan.** Vol. 1, no. 4 (May 1981), 225-235.
DISPLAN: A MULTIPRODUCT PLANT/WAREHOUSE LOCATION MODEL WITH NONLINEAR INVENTORY. **Ballou, Ronald H.** Vol. 5, no. 1 (August 1984), 75-90.
A DYNAMIC PROGRAMMING APPROACH TO WORK FORCE SCHEDULING WITH TIME-DEPENDENT PERFORMANCE MEASURES. **Davis, Samuel G., and Edward T. Reutzel.** Vol. 1, no. 3 (February 1981), 165-171.
THE EFFECT OF VARIOUS PRODUCTION STRATEGIES ON PRODUCT STRUCTURES WITH COMMONALITY. **Guerrero, Hector H.** Vol. 5, no. 4 (August 1985), 395-410.
THE EFFECTS OF WORK FORCE STRATEGIES ON MANUFACTURING OPERATIONS. **Mangiameli, Paul M., and Lee J. Krajewski.** Vol. 3, no.4 (August 1983), 183-196.
EVALUATION OF SCHEDULING TECHNIQUES FOR SOLVING FLOWSHOP PROBLEMS WITH NO INTERMEDIATE STORAGE. **Kang, Byung-Suh, and Markland, Robert E.** Vol. 7, no. 3 (December 1988), 1-24.
GETTING FROM "JUST-IN-CASE" TO "JUST-IN-TIME": INSIGHTS FROM A SIMPLE MODEL. **Suri, Rajan, and Suzanne De Treville.** Vol. 6, no. 3 (May 1986), 295-304.
GOAL PROGRAMMING APPLIED TO POLICE PATROL ALLOCATION. **Saladin, Brooke A.** Vol. 2, no. 4 (August 1982), 239-249.
IMPROVING FUEL UTILIZATION IN STEEL MILL OPERATIONS USING LINEAR PROGRAMMING. **Markland, Robert E.** Vol. 1, no. 2 (November 1980), 95-102.
IMPROVING PERISHABLE PRODUCT INVENTORY MANAGEMENT USING GOAL PROGRAMMING. **Kendall, Kenneth E., and Sang M. Lee.** Vol. 1, no. 2 (November 1980), 77-84.

INTEGER GOAL PROGRAMMING FOR MULTISTAGE LOT SIZING: EXPERIMENTATION AND IMPLEMENTATION. **Vickery, Shawnee K., and Robert E. Markland.** Vol. 5, no. 2 (February 1985), 169-182.

LEARNING CURVES AND LOT SIZING FOR INDEPENDENT AND DEPENDENT DEMAND. **Kopcso, David P., and William C. Nemitz.** Vol. 4, no. 1 (November 1983), 73-83.

MANUAL VERSUS AUTOMATED CHECK ENCODING IN COMMERCIAL BANKS. **Davis, Samuel G., and Edward T. Reutzel.** Vol. 3, no. 3, (May 1983), 105-112.

MAXIMIZING THE NET PRESENT VALUE OF A PROJECT SUBJECT TO MATERIALS AND CAPITAL CONSTRAINTS. **Smith-Daniels, Dwight E., and Vicki L. Smith-Daniels.** Vol. 7, no. 1 (October 1987), 33-45.

A NOTE ON STOPPING RULES FOR ROLLING PRODUCTION SCHEDULING. **Kropp, Dean H., Robert C. Carlson, and Sara L. Beckman.** Vol. 3, no. 3, (May 1983), 113-119.

AN OPTIMAL ALGORITHM FOR THE QUANTITY DISCOUNT PROBLEM. **Chung, Chia-Shin, Dalen T. Chiang, and Cheng-Yi Lu.** Vol. 7, no. 2 (October 1987), 165-177.

OPTIMAL INVENTORIES FOR REPAIRABLE REDUNDANT SYSTEMS WITH AGING COMPONENTS. **Smith, Charles H., and Margaret K. Schaefer.** Vol. 5, no. 3 (May 1985), 339-349.

OPTIMAL MAINTENANCE CENTER INVENTORIES FOR FAULT-TOLERANT REPAIRABLE SYSTEMS. **Lawrence, Sidney H., and Margaret K. Schaefer.** Vol. 4, no. 2 (February 1984), 175-181.

OPTIMAL TECHNOLOGY CHOICE IN A DYNAMIC-STOCHASTIC ENVIRONMENT. **Cohen, Morris A., and Robert M. Halperin.** Vol. 6, no. 3 (May 1986). 317-331.

OPTIMUM STOCK LEVELS FOR EXCESS INVENTORY ITEMS. **Tersine, Richard J., and Richard A. Toelle.** Vol. 4, no. 3 (May 1984), 245-258.

PDF VERSUS LP: AN EMPIRICAL AGGREGATE PLANNING COMPARISON. **Holt, Jack A.** Vol. 3, no. 3 (May 1983), 141-147.

PERSONNEL SCHEDULING WITH FLEXSHIFT MODELS. **Bailey, James, and John Field.** Vol. 5, no. 3 (May 1985), 327-338.

PLANNING HORIZON RESULTS FOR THE DYNAMIC WAREHOUSE LOCATION PROBLEM. **Kelly, David L., and Ann S. Marucheck.** Vol. 4, no. 3 (May 1984), 279-294.

PLANNING HORIZONS FOR MASTER PRODUCTION SCHEDULING. **Chung, Chen-Hua, and Lee J. Krajewski.** Vol. 4, no. 4 (August 1984), 389-406.

A POLYNOMIAL GOAL PROGRAMMING APPROACH TO A CLASS OF QUALITY CONTROL PROBLEMS. **Tayi, Giri Kumar.** Vol. 5, no. 2 (February 1985), 237-246.

POLYNOMIAL GOAL PROGRAMMING: A PROCEDURE FOR MODELING PREFERENCE TRADEOFFS. **Deckro, Richard F., and John E. Hebert.** Vol. 7, no. 4 (December 1988), 149-164.

PRODUCTION SCHEDULING WITH CAPACITY-CONSTRAINED TRANSPORTATION ACTIVITIES. **Truscott, William G.** Vol. 6, no. 3 (May 1986), 333-348.

QUEUE CONTROL USING A HISTORICALLY DEVELOPED STOCHASTIC MODEL. **Ballou, Donald P., and John C. Fisk.** Vol. 3, no. 2 (February 1983), 99-103.

A RESOURCE ALLOCATION PROBLEM WITH THE AID OF AN INTEGER ZERO-ONE PROGRAMMING MODEL IN THE PLASTICS INDUSTRY. **Mehrez, Abraham.** Vol. 5, no. 4 (August 1985), 455-460.

THE RETAIL INVENTORY METHOD: THE THIRD MAJOR COSTING SYSTEM. **Corcoran, A. Wayne.** Vol. 6, no. 4 (August 1986), 417-431.

SCHEDULING AND RESOURCE ALLOCATION IN A FOOD SERVICE SYSTEM. **Guley, Helen M., and Joel P. Stinson.** Vol. 4, no. 2 (February 1984),129-144.

SCHEDULING OPERATING ROOM SURGICAL PROCEDURES WITH EARLY AND LATE COMPLETION PENALTY COSTS. **Charnetski, J.R.** Vol. 5, no. 1, 91-102.

SELECTING MASTER SLAB WIDTH(S) FOR CONTINUOUS STEEL CASTING. **Vonderembse, Mark A.** Vol. 4, no. 3 (May 1984), 231-244.

SEQUENTIAL FACILITY LOCATION WITH DISTANCE-DEPENDENT DEMAND. **Berman, Oded, and Celik Parkan.** Vol. 2, no. 4 (August 1982), 261-268.

STAFFING AND EQUIPMENT DECISIONS FOR SERVICES: AN EXPERIMENTAL ANALYSIS. **Mabert, Vincent A.** Vol. 6, no. 3 (May 1986), 273-281.

MEASUREMENT OF PRODUCTIVITY
see Productivity Measurement and Analysis

MRP SYSTEMS

ALTERNATIVE MASTER PRODUCTION SCHEDULING TECHNIQUES IN AN ASSEMBLE-TO-ORDER ENVIRONMENT. **King, Barry E., and W.C. Benton.** Vol. 7, no. 2 (October 1987), 179-201.

CHOOSING OPTIMAL BUFFERING STRATEGIES FOR DEALING WITH UNCERTAINTY IN MRP. **Etienne, Eisenhower C.** Vol. 7, no. 2 (October 1987), 107-120.

A COMPARISON OF MRP LOT-SIZING METHODS CONSIDERING CAPACITY CHANGE COSTS. **Collier, David A.** Vol. 1, no. 1 (August 1980), 23-29.

COMPUTER SIMULATION OF LOT-SIZING ALGORITHMS IN THREE-STAGE MULTI-ECHELON INVENTORY SYSTEMS. **Choi, Hoo-Gon, Eric M. Malstrom, and Ronald J. Classen.** Vol. 4, no. 3 (May 1984), 259-277.

THE COST OF INFLATED PLANNED LEAD TIMES IN MRP SYSTEMS. **St. John, Ralph.** Vol. 5, no. 2, (February 1985), 119-128.

THE EFFECT OF LOT SIZING ON WORKLOAD VARIABILITY. **Askin, Ronald G., and M. Raghavan.** Vol. 4, no. 1 (November 1983), 53-71.

THE EFFECT OF VARIOUS PRODUCTION STRATEGIES ON PRODUCT STRUCTURES WITH COMMONALITY. **Guerrero, Hector H.** Vol. 5, no. 4 (August 1985), 395-410.

AN EMPIRICAL INVESTIGATION OF DIFFERENT STRATEGIES FOR MATERIAL REQUIREMENTS PLANNING. **Bahl, Harish C., and Larry P. Ritzman.** Vol. 3, no. 2 (February 1983), 67-77.

A FORMAL SET OF ALGORITHMS FOR PROJECT SCHEDULING WITH CRITICAL PATH SCHEDULING/MATERIAL REQUIREMENTS PLANNING. **Aquilano, Nicholas J., and Dwight E. Smith.** Vol. 1, no. 2 (November 1980), 57-67.

A HEURISTIC ALGORITHM FOR CAPACITY SENSITIVE REQUIREMENTS PLANNING. **Harl, Johannes E., and Larry P. Ritzman.** Vol. 5, no. 3 (May 1985), 309-326.

THE IMPACT OF A ROLLING SCHEDULE IN A MULTI-LEVEL MRP SYSTEM. **Blackburn, Joseph D., and Robert A. Millen.** Vol. 2, no. 2 (February 1982), 125-135.

THE INTERCHANGEABILITY OF SAFETY STACKS AND SAFETY LEAD TIME. **Chang, C. Alec.** Vol. 6, no. 1 (November 1985), 35-42.

IRREGULAR WORKLOADS WITH MRP SYSTEMS: SOME CAUSES AND CONSEQUENCES. **Bott, Kevin N., and Larry P. Ritzman.** Vol. 3, no. 4 (August 1983), 169-182.

MANUFACTURING LEAD TIME ACCURACY. **Marlin, Paul G.** Vol. 6, no. 2 (February 1986), 179-202.

MATERIALS REQUIREMENTS PLANNING (MRP) AND PURCHASE DISCOUNTS. **Benton, W.C., and D. Clay Whybark.** Vol. 2, no. 2 (February 1982), 137-143.

A METHODOLOGY FOR PREDICTING SINGLE-STAGE LOT-SIZING PERFORMANCE: ANALYSIS AND EXPERIMENTS. **Blackburn, Joseph D., and Millen, Robert A.** Vol. 5, no. 4 (August 1985), 433-448.

MRP WITH HIGH UNCERTAIN YIELD LOSSES. **New, Colin, and John Mapes.** Vol. 4, no. 4 (August 1984), 315-330.

MRP STRATEGIES: EFFECTS ON CASH FLOW. **Veral, Emre A.** Vol. 8, no. 4 (October 1989), 364-376.

MULTIPLANT MRP. **Bitran, Gabriel R., David M. Marieni, Hirofumi Matsuo, and James W. Noonan.** Vol. 5, no. 2 (February 1985), 183-203.

AN OPTIMAL ALGORITHM FOR THE QUANTITY DISCOUNT PROBLEM. **Chung, Chia-Shin, Dalen T. Chiang, and Cheng-Yi Lu.** Vol. 7, no. 2 (October 1987), 165-177.

OVERLAPPING OPERATIONS IN MATERIAL REQUIREMENTS PLANNING. **Graves, S.C., and M.M. Kostreva.** Vol. 6, no. 3 (May 1986), 283-294.
REQUIREMENTS PLANNING SYSTEMS IN THE HEALTH CARE ENVIRONMENT. **Steinberg, Earle, Basheer Khumawala, and Richard Scamell.** Vol. 2, no. 4 (August 1982), 251-259.
RESEARCH ISSUES FOR MULTI-LEVEL LOT SIZING IN MRP SYSTEMS. **Collier, David A.** Vol. 2, no. 2 (February 1982), 113-123.
RESOLVING UNCERTAINTY IN MANUFACTURING SYSTEMS. **Schmitt, Thomas G.** Vol. 4, no. 4 (August 1984), 331-345.
SAFETY STOCKS AND COMPONENT COMMONALITY. **Baker, Kenneth R.** Vol. 6, no. 1 (November 1985), 13-22.
SERVICE LEVELS FOR PRIORITY AND NONPRIORITY PRODUCTS WITH A COMMON COMPONENT. **Adlakha, Veena, and Kalyan Singhal.** Vol. 7, no. 3 (December 1988), 73-76.
SOME OBSERVATIONS ON THE ADVANTAGES AND IMPLEMENTATION ISSUES OF JUST-IN-TIME PRODUCTION SYSTEMS. **Schonberger, Richard J.** Vol. 3, no. 1 (November 1982), 1-11.
A STUDY OF MRP BENEFITS AND COSTS. **Schroeder, Roger G., John C. Anderson, Sharon E. Tupy, and Edna M. White.** Vol. 2, no. 1 (October 1981), 1-9.
A STUDY OF THE MRP IMPLEMENTATION PROCESS. **White, Edna M., John C. Anderson, Roger G. Schroeder, and Sharon E. Tupy.** Vol. 2, no. 3 (May 1982), 145-153.
THE SUBASSEMBLIES PROBLEM: MAKE TO STOCK OR COMBINE. **Smith, Spencer B.** Vol. 5, no. 1 (November 1984), 1-17.
TIME-DEPENDENT DEMAND IN REQUIREMENTS PLANNING: AN EXPLORATORY ASSESSMENT OF THE EFFECTS OF SERIALLY CORRELATED DEMAND SEQUENCES ON LOT-SIZING PERFORMANCE. **Williams, William W., Michael H. Peters, and M.E. Raiszadeh.** Vol. 6, no. 1 (November 1985), 69-85.
TOWARD A BETTER UNDERSTANDING OF LEAD TIMES IN MRP SYSTEMS. **Kanet, John J.** Vol. 6, no. 3 (May 1986), 305-315.

MULTI-FACILITY SYSTEMS

CAPACITATED HEURISTIC PROGRAM FOR MULTI-ACTIVITY, MULTI-FACILITY SYSTEM DESIGNS. **Khumawala, Basheer M., and Joel P. Stinson.** Vol. 4, no. 4 (August 1984), 295-304.
DISPLAN: A MULTIPRODUCT PLANT/WAREHOUSE LOCATION MODEL WITH NONLINEAR INVENTORY. **Ballou, Ronald H.** Vol. 5, no. 1 (August 1984), 75-90.
ESTIMATING AND AUDITING AGGREGATE INVENTORY LEVELS AT MULTIPLE STOCKING POINTS. **Ballou, Ronald H.** Vol. 1, no. 3 (February 1981), 143-153.
MULTIPLANT MANUFACTURING STRATEGIES AMONG THE FORTUNE 500. **Schmenner, Roger W.** Vol. 2, no. 2 (February 1982), 77-86.
MULTIPLANT MRP. **Bitran, Gabriel R., David M. Marieni, Hirofumi Matsuo, and James W. Noonan.** Vol. 5, no. 2 (February 1985), 183-203.
SEQUENTIAL FACILITY LOCATION WITH DISTANCE-DEPENDENT DEMAND. **Berman, Oded, and Celik Parkan.** Vol. 2, no. 4 (August 1982), 261-268.
THE USE OF SIMULATION IN SYSTEM DESIGN: A CASE STUDY USING THE PRECISION LOCATION STRIKE SYSTEM. **Clark, Thomas D., Jr., Gary W. Arnett, and Nicholas W. Reybrock.** Vol. 6, no. 3 (May 1986), 363-379.

OPTIMIZATION

see Mathematical Programming and Optimization for Operations

PERFORMANCE

see Production/Assembly Line Design/Performance

PERSONNEL SCHEDULING

see Work Force/Staff Scheduling

PLANNING

see Production and Manufacturing Planning/Scheduling/and Control Systems, Production Planning/ Aggregate Production Planning/Production Scheduling

PLANT LAYOUT

see Facilities Layout

PLANT LOCATION

see Facility Location

PRIORITY RULES IN SCHEDULING

APPLICATION OF WORK CENTER CONTROL RULES IN A JOB SHOP ENVIRONMENT. **Seagle, John P., and John C. Fisk.** Vol. 3, no. 1 (November 1982), 43-48.

A DYNAMIC PRIORITY RULE FOR SCHEDULING AGAINST DUE DATES. **Baker, Kenneth R., and J.W.M. Bertrand.** Vol. 3, no. 1 (November 1982), 37-42.

THE EFFECTS OF INPUT CONTROL IN A SIMPLE SCHEDULING MODEL. **Baker, Kenneth R.** Vol. 4, no. 2 (February 1984), 99-112.

AN EMPIRICAL ANALYSIS OF JOB SHOP DISPATCH RULE SELECTION. **Green, Gary I., and Leonard B. Appel.** Vol. 1, no. 4 (May 1981), 197-203.

AN INVESTIGATION OF DUE DATE ASSIGNMENT RULES WITH CONSTRAINED TIGHTNESS. **Baker, Kenneth R., and J.W.M. Bertrand.** Vol. 1, no. 3 (February 1981), 109-120.

JOB RELEASE AND LABOR FLEXIBILITY IN A DUAL RESOURCE CONSTRAINED JOB SHOP. **Park, Paul Sungchil, and Paul M. Bobrowski.** Vol. 8, no. 3 (August 1989), 230-249.

JOB SHOP SCHEDULING WITH MODIFIED DUE DATES. **Baker, Kenneth R., and Kanet, John J.** Vol. 4, no. 1 (November 1983), 11-22.

MULTIPROJECT SCHEDULING: ANALYSIS OF SCHEDULING STRATEGIES UNDER UNEQUAL DELAY PENALTIES. **Kurtulus, Ibrahim.** Vol. 5, no. 3 (May 1985), 291-307.

A NOTE ON WORKLOAD-DEPENDENT DUE DATE ASSIGNMENT RULES. **Ragatz, Gary L.** Vol. 8, no. 4 (October 1989), 377-384.

PRIORITY DISPATCHING WITH OPERATION DUE DATES IN A JOB SHOP. **Kanet, John J., and Jack C. Hayya.** Vol. 2, no. 3 (May 1982), 167-175.

PRIORITY RULES FOR CHECK PROCESSING IN MULTIPLE BRANCH BANKING: AN EXPERIMENTAL ANALYSIS. **Mabert, Vincent A., and Michael J. Showalter.** Vol. 1, no. 1 (August 1980), 15-22.

SCHEDULING INDEPENDENT JOBS ON NONUNIFORM, UNEQUAL PROCESSORS. **Bernardo, John J., and Kun-Si Lin.** Vol. 4, no. 4 (August 1984), 305-313.

SEQUENCING RULES, PROGRESS MILESTONES AND PRODUCT STRUCTURE IN A MULTI-STAGE JOB SHOP. **Philipoom, Patrick R., Robert E. Markland, and Timothy D. Fry.** Vol. 8, no. 3 (August 1989), 209-229.

A SIMULATION ANALYSIS OF DUE DATE ASSIGNMENT RULES. **Ragatz, Gary L., and Vincent A. Mabert.** Vol. 5, no. 1 (November 1984), 27-39.

A SIMULATION STUDY OF PROCESSING TIME DISPATCHING RULES. **Fry, Timothy D., Patrick R. Philipoom, and John H. Blackstone.** Vol. 7, no. 4 (December 1988), 77-92.

STATIC VS. DYNAMIC PRIORITY RULES FOR CHECK PROCESSING IN MULTIPLE DISPATCH-MULTIPLE BRANCH BANKING. **Mabert, Vincent A.** Vol. 2, no. 3 (May 1982), 187-196.

THE USE OF WORKLOAD INFORMATION TO CONTROL JOB LATENESS IN CONTROLLED AND UNCONTROLLED RELEASE PRODUCTION SYSTEMS. **Bertrand, J.W.M.** Vol. 3, no. 2 (February 1983), 79-92.

PROCESS COMMONALITY

THE SOURCES, MEASUREMENTS, AND MANAGERIAL IMPLICATIONS OF PROCESS COMMONALITY. **Treleven, Mark, and John G. Wacker.** Vol. 7, no. 1 (October 1987), 11-25.

PROCESS TECHNOLOGY/AUTOMATION MANAGEMENT

ACHIEVING FACTORY AUTOMATION THROUGH GROUP TECHNOLOGY PRINCIPLES. **Suresh, Nallan C., and Jack R. Meredith.** Vol. 5, no. 2 (February 1985), 151-167.

AN ASSESSMENT OF INDUSTRIAL ROBOTS: CAPABILITIES, ECONOMICS, AND IMPACTS. **Bard, Jonathan F.** Vol. 6, no. 2 (February 1986), 99-124.

AN EXPERIMENTAL INVESTIGATION OF FMS SCHEDULING RULES UNDER UNCERTAINTY. **Denzler, David, Warren J. Boe, and Edward Duplaga.** Vol. 7, no. 2 (October 1987), 139-151.

MAINTENANCE MANAGEMENT: KEEPING UP WITH PRODUCTION'S CHANGING TRENDS AND TECHNOLOGIES. **Gilbert, James P., and Byron J. Finch.** Vol. 6, no. 1 (November 1985), 1-12.

MANUAL VERSUS AUTOMATED CHECK ENCODING IN COMMERCIAL BANKS. **Davis, Samuel G., and Edward T. Reutzel.** Vol. 3, no. 3, (May 1983), 105-112.

OPTIMAL TECHNOLOGY CHOICE IN A DYNAMIC-STOCHASTIC ENVIRONMENT. **Cohen, Morris A., and Robert M. Halperin.** Vol. 6, no. 3 (May 1986), 317-331.

PLANNING A SUCCESSFUL ROBOTICS IMPLEMENTATION. **Liberatore, Matthew J., and Jolena O'Neill.** Vol. 5, no. 3 (May 1985), 247-257.

PROGRESS TOWARD THE "FACTORY OF THE FUTURE." **Rosenthal, Stephen R.** Vol. 4, no. 3 (May 1984), 203-229.

RELEARNING FROM THE OLD MASTERS: LESSONS OF THE AMERICAN SYSTEM OF MANUFACTURING. **Abernathy, William J., and John E. Corcoran.** Vol. 3, no. 4 (August 1983), 155-167.

RESEARCH NEEDS IN MANAGING FACTORY AUTOMATION. **Meredith, Jack, Nancy L. Hyer, Donald Gerwin, Stephen R. Rosenthal, and Wemmerlöv, Urban.** Vol. 6, no. 2 (February 1986), 203-218.

PRODUCTION AND MANUFACTURING PLANNING/SCHEDULING/AND CONTROL SYSTEMS

ASSEMBLE-TO-ORDER MANUFACTURING: IMPLICATIONS FOR MATERIALS MANAGEMENT. **Wemmerlöv, Urban.** Vol. 4, no. 4 (August 1984), 347-368.

CAPACITY PLANNING TECHNIQUES FOR MANUFACTURING CONTROL SYSTEMS: INFORMATION REQUIREMENTS AND OPERATIONAL FEATURES. **Berry, William L., Thomas G. Schmitt, and Thomas E. Vollmann.** Vol. 3, no. 1 (November 1982), 13-25.

DESIGNING PRODUCTION PLANNING AND CONTROL SYSTEMS. **Van Dierdonck, Roland, and Jeffrey G. Miller.** Vol. 1, no. 1 (August 1980), 37-46.

DEVELOPING MAINTENANCE CRAFT LABOR EFFICIENCY THROUGH AN INTEGRATED PLANNING AND CONTROL SYSTEM: A PRESCRIPTIVE MODEL. **Finch, Byron J., and James P. Gilbert.** Vol. 6, no. 4 (August 1986), 449-459.

THE EFFECTS OF INPUT CONTROL IN A SIMPLE SCHEDULING MODEL. **Baker, Kenneth R.** Vol. 4, no. 2 (February 1984), 99-112.

HIERARCHICAL INTEGRATION IN PRODUCTION PLANNING: THEORY AND PRACTICE. **Gelders, Ludo F., and Luk N. Van Wassenhove.** Vol. 3, no. 1 (November 1982), 27-35.

OPTIMAL TECHNOLOGY CHOICE IN A DYNAMIC-STOCHASTIC ENVIRONMENT. **Cohen, Morris A., and Robert M. Halperin.** Vol. 6, no. 3 (May 1986), 317-331.

SCHEDULING AND RESOURCE ALLOCATION IN A FOOD SERVICE SYSTEM. **Guley, Helen M., and Joel P. Stinson.** Vol. 4, no. 2 (February 1984),129-144.

SCHEDULING OF RE-ENTRANT FLOW SHOPS. **Graves, Stephen C., Harlan C. Meal, Daniel Stefek, and Abdel Hamid Zeghmi.** Vol. 3, no. 4 (August 1983), 197-207.

PRODUCTION/ASSEMBLY LINE DESIGN/PERFORMANCE

A COST EVALUATION METHOD FOR DYNAMIC LINE BALANCING. **Davis, K. Roscoe, and Deena D. Kushner.** Vol. 4, no. 1 (November 1983), 41-51.

A COST-EFFECTIVE APPROACH TO STOCHASTIC LINE BALANCING WITH OFF-LINE REPAIRS. **Carter, John C., and Fred N. Silverman.** Vol. 4, no. 2 (February 1984), 145-157.

CURRENTLY PRACTICED FORMULATIONS FOR THE ASSEMBLY LINE BALANCE. **Gunther, Richard E., Gordon D. Johnson, and Roger S. Peterson.** Vol. 3, no. 4 (August 1983), 209-221.

A NOTE ON "STOCHASTIC UNPACED LINE DESIGN: REVIEW AND FURTHER EXPERIMENTAL RESULTS." **Karwan, Kirk A., and Patrick R. Philipoom.** Vol. 8, no. 1 (January 1989), 48-54.

ON "CURRENTLY PRACTICED FORMULATIONS OF THE ASSEMBLY LINE BALANCE PROBLEM." **Baybars, Ilker.** Vol. 5, no. 4 (August 1985), 449-453.

ON THE NATURAL CYCLE TIME OF ASSEMBLY LINES. **Shtub, Avraham.** Vol. 5, no. 1 (November 1984), 19-25.

SOME PROBLEMS WITH TRANSIENT PHENOMENA WHEN SIMULATING UNPACED LINES. **Kottas, John F., and Hon-Shiang Lau.** Vol. 1, no. 3 (February 1981), 155-164.

STOCHASTIC UNPACED LINE DESIGN: A REPLY. **Smunt, Timothy L., and William C. Perkins.** Vol. 8, no. 1 (January 1989), 55-62.

STOCHASTIC UNPACED LINE DESIGN: REVIEW AND FURTHER EXPERIMENTAL RESULTS. **Smunt, Timothy L., and William C. Perkins.** Vol. 5, no. 3 (May 1985), 351-373.

PRODUCTION PLANNING/AGGREGATE PRODUCTION PLANNING/PRODUCTION SCHEDULING

AGGREGATE PLANNING IN HEALTH CARE FOOD SERVICE SYSTEMS WITH VARYING TECHNOLOGIES. **Connell, Bertrum C., Everett E. Adam, Jr., and Aimee N. Moore.** Vol. 5, no. 1 (November 1984), 41-55.

A COST MINIMIZATION PRODUCTION PLANNING MODEL FOR CONTINUOUS PROCESS CHEMICAL PLANT OPERATIONS. **Eldredge, David L., and Bob Holdman.** Vol. 2, no. 3 (May 1982), 197-202.

THE EFFECT OF VARIOUS PRODUCTION STRATEGIES ON PRODUCT STRUCTURES WITH COMMONALITY. **Guerrero, Hector H.** Vol. 5, no. 4 (August 1985), 395-410.

THE EFFECTS OF WORK FORCE STRATEGIES ON MANUFACTURING OPERATIONS. **Mangiameli, Paul M., and Lee J. Krajewski.** Vol. 3, no.4 (August 1983), 183-196.

A HEURISTIC ALGORITHM FOR DETERMINING LOT SIZES OF AN ITEM SUBJECT TO REGULAR AND OVERTIME PRODUCTION CAPACITIES. **Dixon, Paul S., Mark D. Elder, Graham K. Rand, and Edward A. Silver.** Vol. 3, no. 3 (May 1983), 121-130.

A HEURISTIC METHOD FOR AGGREGATE PLANNING: PRODUCTION DECISION FRAMEWORK. **Holt, Jack A.** Vol. 2, no. 1 (October 1981), 41-51.

IMPROVED HIERARCHICAL PRODUCTION PLANNING. **Leong, G. Keong, Michael D. Oliff, and Robert E. Markland.** Vol. 8, no. 2 (April 1989), 90-114.

A NOTE ON STOPPING RULES FOR ROLLING PRODUCTION SCHEDULING. **Kropp, Dean H., Robert C. Carlson, and Sara L. Beckman.** Vol. 3, no. 3, (May 1983), 113-119.

PDF VERSUS LP: AN EMPIRICAL AGGREGATE PLANNING COMPARISON. **Holt, Jack A.** Vol. 3, no. 3 (May 1983), 141-147.

PLANNING HORIZONS FOR MASTER PRODUCTION SCHEDULING. **Chung, Chen-Hua, and Lee J. Krajewski.** Vol. 4, no. 4 (August 1984), 389-406.

PRODUCTION LOT SIZING FOR DETERMINISTIC ROLLING SCHEDULES. **Bookbinder, James H., and Bak-Tee H'ng.** Vol. 6, no. 3 (May 1986), 349-362.

PRODUCTION SCHEDULING WITH CAPACITY-CONSTRAINED TRANSPORTATION ACTIVITIES. **Truscott, William G.** Vol. 6, no. 3 (May 1986), 333-348.

A REFORMULATION OF THE AGGREGATE PLANNING PROBLEM. **Schroeder, Roger G., and Paul D. Larson.** Vol. 6, no. 3 (May 1986). 245-256.

SELECTING MASTER SLAB WIDTH(S) FOR CONTINUOUS STEEL CASTING. **Vonderembse, Mark A.** Vol. 4, no. 3 (May 1984), 231-244.

PRODUCTION PROCESSES, IMPROVEMENT OF
see Improvement of Production Processes

PRODUCTION SCHEDULING
see Production Planning/Aggregate Production Planning/Production Scheduling

PRODUCTIVITY MEASUREMENT AND ANALYSIS

AN ASSESSMENT OF INDUSTRIAL ROBOTS: CAPABILITIES, ECONOMICS, AND IMPACTS. **Bard, Jonathan F.** Vol. 6, no. 2 (February 1986), 99-124.

EXPLAINING PRODUCTIVITY DIFFERENCES IN NORTH CAROLINA FACTORIES. **Schmenner, Roger W., and Randall L. Cook.** Vol. 5, no. 3 (May 1985), 273-289.

MONITORING AND IMPROVING THE PRODUCTIVITY OF SEMI-AUTONOMOUS HUMAN SERVICE UNITS. **Talukdar, Rahim B. and Curtis P. McLaughlin.** Vol. 5, no. 4 (August 1985), 375-393.

PROGRAMMING
see Mathematical Programming and Optimization for Operations

PROJECT SCHEDULING/PROJECT MANAGEMENT

CONSTRAINED RESOURCE PROJECT SCHEDULING SUBJECT TO MATERIAL CONSTRAINTS. **Smith-Daniels, Dwight E., and Nicholas J. Aquilano.** Vol. 4, no. 4 (August 1984), 369-387.

A FORMAL SET OF ALGORITHMS FOR PROJECT SCHEDULING WITH CRITICAL PATH SCHEDULING/MATERIAL REQUIREMENTS PLANNING. **Aquilano, Nicholas J., and Dwight E. Smith.** Vol. 1, no. 2 (November 1980), 57-67.

MAXIMIZING THE NET PRESENT VALUE OF A PROJECT SUBJECT TO MATERIALS AND CAPITAL CONSTRAINTS. **Smith-Daniels, Dwight E., and Vicki L. Smith-Daniels.** Vol. 7, no. 1 (October 1987), 33-45.

MULTIPROJECT SCHEDULING: ANALYSIS OF SCHEDULING STRATEGIES UNDER UNEQUAL DELAY PENALTIES. **Kurtulus, Ibrahim.** Vol. 5, no. 3 (May 1985), 291-307.

PRECEDENCE DIAGRAMMING METHOD: SOME UNUSUAL CHARACTERISTICS AND THEIR IMPLICATIONS FOR PROJECT MANAGERS. **Wiest, Jerome D.** Vol. 1, no. 3 (February 1981), 121-130.

A REQUIREMENTS PLANNING SYSTEM FOR THE SPACE SHUTTLE OPERATIONS SCHEDULE. **Steinberg, Earl, William B. Lee, and Basheer M. Khumawala.** Vol. 1, no. 2 (November 1980), 69-76.

THE TRADE-OFF BETWEEN THE NET PRESENT COST OF A PROJECT AND THE PROBABILITY TO COMPLETE IT ON SCHEDULE. **Shtub, Avraham.** Vol. 6, no. 4 (August 1986), 461-470.

PURCHASING/SOURCING SYSTEMS

COMPONENT PART STANDARDIZATION: AN ANALYSIS OF COMMONALITY SOURCES AND INDICES. **Wacker, John G., and Mark Treleven.** Vol. 6, no. 2 (February 1986), 219-244.

FULL FIXED COST RECOVERY LOT SIZING WITH QUANTITY DISCOUNTS. **Britney, R.R., P.J. Kuzdrall, and N. Fartuch.** Vol. 3, no. 3 (May 1983), 131-140.

MATERIALS REQUIREMENTS PLANNING (MRP) AND PURCHASE DISCOUNTS. **Benton, W.C., and D. Clay Whybark.** Vol. 2, no. 2 (February 1982), 137-143.

REDUCING VENDOR DELIVERY UNCERTAINTIES IN A JIT ENVIRONMENT. **Hill, Arthur V., and Thomas E. Vollmann.** Vol. 6, no. 4 (August 1986), 381-392.

A RISK/BENEFIT ANALYSIS OF SOURCING STRATEGIES: SINGLE VS. MULTIPLE SOURCING. **Treleven, Mark, and Sharon Bergman Schweikhart.** Vol. 7, no. 4 (December 1988), 93-114.

QUALITY MANAGEMENT/CONTROL SYSTEMS

DESIGN OF AN INTERRELATED QUALITY SYSTEM FOR A SINGLE PRODUCT MANUFACTUR-

ING PROCESS WITH ASSEMBLY. **Knowles, Thomas W., and M. Zia Hassan.** Vol. 1, no. 4 (May 1981), 225-235.

A EXAMINATION OF QUALITY MANAGEMENT IN JAPAN: IMPLICATIONS FOR MANAGEMENT IN THE UNITED STATES. **Ebrahimpour, Maling.** Vol. 5, no. 4 (August 1985), 419-431.

A POLYNOMIAL GOAL PROGRAMMING APPROACH TO A CLASS OF QUALITY CONTROL PROBLEMS. **Tayi, Giri Kumar.** Vol. 5, no. 2 (February 1985), 237-246.

QUALITY CIRCLES AND PRODUCTION/OPERATIONS MANAGEMENT: CONCERNS AND CAVEATS. **Blair, John D., and Kenneth D. Ramsing.** Vol. 4, no. 1 (November 1983), 1-10.

A RISK/BENEFIT ANALYSIS OF SOURCING STRATEGIES: SINGLE VS. MULTIPLE SOURCING. **Treleven, Mark, and Sharon Bergman Schweikhart.** Vol. 7, no. 4 (December 1988), 93-114.

REPAIR/REPLACEMENT OF EQUIPMENT

see Equipment Repair/Replacement/Maintenance Management

RESEARCH

see Implementation of Research in Operations, Directions for Research

ROBOTICS

AN ASSESSMENT OF INDUSTRIAL ROBOTS: CAPABILITIES, ECONOMICS, AND IMPACTS. **Bard, Jonathan F.** Vol. 6, no. 2 (February 1986), 99-124.

A HEURISTIC PROGRAMMING APPROACH TO THE EMPLOYEE SCHEDULING PROBLEM AND SOME THOUGHTS ON "MANAGERIAL ROBOTS." **Glover, Fred, Claude McMillan, and Randy Glover.** Vol. 4, no. 2 (February 1984), 113-128.

PLANNING A SUCCESSFUL ROBOTICS IMPLEMENTATION. **Liberatore, Matthew J., and Jolena O'Neill.** Vol. 5, no. 3 (May 1985), 247-257.

SCHEDULING,

see Machine/Work Center Scheduling Rules, Master Production Scheduling, Priority Rules in Scheduling, Production and Manufacturing Planning/Scheduling/and Control Systems, Production Planning/Aggregate Production Planning/Production Scheduling, Project Scheduling/Project Management, Work Force/Staff Scheduling

SERVICE OPERATIONS

AGGREGATE PLANNING IN HEALTH CARE FOOD SERVICE SYSTEMS WITH VARYING TECHNOLOGIES. **Connell, Bertrum C., Everett E. Adam, Jr., and Aimee N. Moore.** Vol. 5, no. 1 (November 1984), 41-55.

AN APPLICATION OF THE SURVEY-FEEDBACK METHOD IN A SERVICE OPERATION. **LaForge, Lawrence R., D. Robley Wood, Jr., and Randall G. Sleeth.** Vol. 5, no. 1 (August 1984), 103-118.

DESIGN OF TIME-OF-USE RATE PERIODS FOR A UTILITY. **Dobrow, Samuel A., and B.P. Lingaraj.** Vol. 7, no. 3 (December 1988), 25-43.

A DYNAMIC PROGRAMMING APPROACH TO WORK FORCE SCHEDULING WITH TIME-DEPENDENT PERFORMANCE MEASURES. **Davis, Samuel G., and Edward T. Reutzel.** Vol. 1, no. 3 (February 1981), 165-171.

EMERGENCY AMBULANCE LOCATION USING THE CONTIGUOUS ZONE SEARCH ROUTINE. **Fitzsimmons, James A., and Bellur N. Srikar.** Vol. 2, no. 4 (August 1982), 225-237.

AN EXPERIMENTAL COMPARISON OF HUMAN SCHEDULERS AND HEURISTIC ALGORITHMS FOR THE TRAVELING SALESMAN PROBLEM. **Hill, Arthur V.** Vol. 2, no. 4 (August 1982), 215-223.

FORECASTING FOR SOLID WASTES OPERATIONS. **Westerman, Robert R.** Vol. 1, no. 4 (May 1981), 183-195.

GOAL PROGRAMMING APPLIED TO POLICE PATROL ALLOCATION. **Saladin, Brooke A.** Vol. 2, no. 4 (August 1982), 239-249.

A HEURISTIC PROGRAMMING APPROACH TO THE EMPLOYEE SCHEDULING PROBLEM AND SOME THOUGHTS ON "MANAGERIAL ROBOTS." **Glover, Fred, Claude McMillan, and Randy Glover.** Vol. 4, no. 2 (February 1984), 113-128.

MANUAL VERSUS AUTOMATED CHECK ENCODING IN COMMERCIAL BANKS. **Davis, Samuel G., and Edward T. Reutzel.** Vol. 3, no. 3, (May 1983), 105-112.

MONITORING AND IMPROVING THE PRODUCTIVITY OF SEMI-AUTONOMOUS HUMAN SERVICE UNITS. **Talukdar, Rahim B. and Curtis P. McLaughlin.** Vol. 5, no. 4 (August 1985), 375-393.

OPERATIONS CHANGE INTERACTIONS IN A SERVICE ENVIRONMENT: ATTITUDES, BEHAVIORS, AND PROFITABILITY. **Adam, Everett E., Jr.** Vol. 2, no. 1 (October 1981), 63-76.

OPERATIONS MANAGEMENT TAXONOMY. **Prentis, Eric L.** Vol. 7, no. 1 (October 1987), 63-78.

PRIORITY RULES FOR CHECK PROCESSING IN MULTIPLE BRANCH BANKING: AN EXPERIMENTAL ANALYSIS. **Mabert, Vincent A., and Michael J. Showalter.** Vol. 1, no. 1 (August 1980), 15-22.

REQUIREMENTS PLANNING SYSTEMS IN THE HEALTH CARE ENVIRONMENT. **Steinberg, Earle, Basheer Khumawala, and Richard Scamell.** Vol. 2, no. 4 (August 1982), 251-259.

SCHEDULING AND RESOURCE ALLOCATION IN A FOOD SERVICE SYSTEM. **Guley, Helen M., and Joel P. Stinson.** Vol. 4, no. 2 (February 1984),129-144.

SCHEDULING OPERATING ROOM SURGICAL PROCEDURES WITH EARLY AND LATE COMPLETION PENALTY COSTS. **Charnetski, J.R.** Vol. 5, no. 1, 91-102.

SEQUENTIAL FACILITY LOCATION WITH DISTANCE-DEPENDENT DEMAND. **Berman, Oded, and Celik Parkan.** Vol. 2, no. 4 (August 1982), 261-268.

SERVICE OPERATIONS MANAGEMENT: RESEARCH AND APPLICATION. **Mabert, Vincent A.** Vol. 2, no. 4 (August 1982), 203-209.

THE SERVICE SECTOR: CHALLENGES AND IMPERATIVES FOR RESEARCH IN OPERATIONS MANAGEMENT. **Sullivan, Robert S.** Vol. 2, no. 4 (August 1982), 211-214.

SHARED CAPACITY RESOURCE REALLOCATION IN A DECENTRALIZED SERVICE SYSTEM. **Charalambides, Leonidas C.** Vol. 5, no. 1 (August 1984), 57-74.

SHORT INTERVAL FORECASTING OF EMERGENCY PHONE CALL (911) WORK LOADS. **Mabert, Vincent A.** Vol. 5, no. 3 (May 1985), 259-271.

STAFFING AND EQUIPMENT DECISIONS FOR SERVICES: AN EXPERIMENTAL ANALYSIS. **Mabert, Vincent A.** Vol. 6, no. 3 (May 1986), 273-281.

STATIC VS. DYNAMIC PRIORITY RULES FOR CHECK PROCESSING IN MULTIPLE DISPATCH-MULTIPLE BRANCH BANKING. **Mabert, Vincent A.** Vol. 2, no. 3 (May 1982), 187-196.

A VACATION SCHEDULING ALGORITHM FOR MILITARY FLIGHT CREWS: MAXIMIZING SATISFACTION WHILE MAINTAINING MILITARY PREPAREDNESS. **Chong, Philip S., and Michael W. Strevell.** Vol. 5, no. 2 (February 1985), 205-211.

YIELD MANAGEMENT: A TOOL FOR CAPACITY-CONSTRAINED SERVICE FIRMS. **Kimes, Sheryl E.** Vol. 8, no. 4 (October 1989), 348-363.

SIMULATION IN OPERATIONS

AGGREGATE PLANNING IN HEALTH CARE FOOD SERVICE SYSTEMS WITH VARYING TECHNOLOGIES. **Connell, Bertrum C., Everett E. Adam, Jr., and Aimee N. Moore.** Vol. 5, no. 1 (November 1984), 41-55.

ALTERNATIVE MASTER PRODUCTION SCHEDULING TECHNIQUES IN AN ASSEMBLE-TO-ORDER ENVIRONMENT. **King, Barry E., and W.C. Benton.** Vol. 7, no. 2 (October 1987), 179-201.

APPLICATION OF WORK CENTER CONTROL RULES IN A JOB SHOP ENVIRONMENT. **Seagle, John P., and John C. Fisk.** Vol. 3, no. 1 (November 1982), 43-48.

AN AVAILABILITY MODEL FOR THE EVALUATION OF EQUIPMENT ALTERNATIVES. **Lingaraj, B.P., and Way Kuo.** Vol. 3, no. 3 (May 1983), 149-154.

THE COMPLEMENTARY NATURE OF MANUFACTURING GOALS BY THEIR RELATIONSHIP TO THROUGHPUT TIME: A THEORY OF INTERNAL VARIABILITY OF PRODUCTION SYSTEMS. **Wacker, John G.** Vol. 7, no. 2 (October 1987), 91-106.

COMPUTER SIMULATION OF LOT-SIZING ALGORITHMS IN THREE-STAGE MULTI-ECHELON INVENTORY SYSTEMS. **Choi, Hoo-Gon, Eric M. Malstrom, and Ronald J. Classen.** Vol. 4, no. 3 (May 1984), 259-277.

THE COST OF INFLATED PLANNED LEAD TIMES IN MRP SYSTEMS. **St. John, Ralph.** Vol. 5, no. 2, (February 1985), 119-128.

THE EFFECT OF LOT SIZING ON WORKLOAD VARIABILITY. **Askin, Ronald G., and M. Raghavan.** Vol. 4, no. 1 (November 1983), 53-71.

THE EFFECTS OF INPUT CONTROL IN A SIMPLE SCHEDULING MODEL. **Baker, Kenneth R.** Vol. 4, no. 2 (February 1984), 99-112.

AN EXPERIMENTAL INVESTIGATION OF FMS SCHEDULING RULES UNDER UNCERTAINTY. **Denzler, David R., Warren J. Boe, and Edward Duplaga.** Vol. 7, no. 2 (October 1987), 139-151.

A HEURISTIC ALGORITHM FOR CAPACITY SENSITIVE REQUIREMENTS PLANNING. **Harl, Johannes E., and Larry P. Ritzman.** Vol. 5, no. 3 (May 1985), 309-326.

A HEURISTIC ALGORITHM FOR MANAGING INVENTORY IN A MULTI-ECHELON ENVIRONMENT. **Bregman, Robert L., Larry P. Ritzman, and Lee J. Krajewski.** Vol. 8, no. 3 (August 1989), 186-208.

AN INVESTIGATION OF DUE DATE ASSIGNMENT RULES WITH CONSTRAINED TIGHTNESS. **Baker, Kenneth R., and J.W.M. Bertrand.** Vol. 1, no. 3 (February 1981), 109-120.

AN INVESTIGATION OF LABOR ASSIGNMENT RULES IN A DUAL-CONSTRAINED JOB SHOP. **Treleven, Mark D., and Douglas A. Elvers.** Vol. 6, no. 1 (November 1985), 51-68.

IRREGULAR WORKLOADS WITH MRP SYSTEMS: SOME CAUSES AND CONSEQUENCES. **Bott, Kevin N., and Larry P. Ritzman.** Vol. 3, no. 4 (August 1983), 169-182.

JOB SHOP SCHEDULING WITH MODIFIED DUE DATES. **Baker, Kenneth R., and Kanet, John J.** Vol. 4, no. 1 (November 1983), 11-22.

MANAGING PRODUCT LINES THAT SHARE A COMMON CAPACITY BASE. **Morecroft, John D.W.** Vol. 3, no. 2 (February 1983), 57-66.

MANUFACTURING LEAD TIME ACCURACY. **Marlin, Paul G.** Vol. 6, no. 2 (February 1986), 179-202.

MATERIALS REQUIREMENTS PLANNING (MRP) AND PURCHASE DISCOUNTS. **Benton, W.C., and D. Clay Whybark.** Vol. 2, no. 2 (February 1982), 137-143.

A NOTE ON "STOCHASTIC UNPACED LINE DESIGN: REVIEW AND FURTHER EXPERIMENTAL RESULTS." **Karwan, Kirk A., and Patrick R. Philipoom.** Vol. 8, no. 1 (January 1989), 48-54.

THE PART-PERIOD BALANCING ALGORITHM AND ITS LOOK AHEAD-LOOK BACK FEATURE: A THEORETICAL AND EXPERIMENTAL ANALYSIS OF A SINGLE LOT-SIZING PROCEDURE. **Wemmerlöv, Urban.** Vol. 4, no. 1 (November 1983), 23-39.

PLANNING HORIZONS FOR MASTER PRODUCTION SCHEDULING. **Chung, Chen-Hua, and Lee J. Krajewski.** Vol. 4, no. 4 (August 1984), 389-406.

PRIORITY DISPATCHING WITH OPERATION DUE DATES IN A JOB SHOP. **Kanet, John J., and Jack C. Hayya.** Vol. 2, no. 3 (May 1982), 167-175.

REPETITIVE LOTS: THE USE OF A SEQUENCE-DEPENDENT SET-UP TIME SCHEDULING PROCEDURE IN GROUP TECHNOLOGY AND TRADITIONAL SHOPS. **Flynn, Barbara B.** Vol. 7, no. 2 (October 1987), 203-216.

RESOLVING UNCERTAINTY IN MANUFACTURING SYSTEMS. **Schmitt, Thomas G.** Vol. 4, no. 4 (August 1984), 331-345.

SCHEDULING OPERATING ROOM SURGICAL PROCEDURES WITH EARLY AND LATE COMPLETION PENALTY COSTS. **Charnetski, J.R.** Vol. 5, no. 1, 91-102.

SEQUENCING RULES, PROGRESS MILESTONES AND PRODUCT STRUCTURE IN A MULTI-

STAGE JOB SHOP. **Philipoom, Patrick R., Robert E. Markland, and Timothy D. Fry.** Vol. 8, no. 3 (August 1989), 209-229.
SHARED CAPACITY RESOURCE REALLOCATION IN A DECENTRALIZED SERVICE SYSTEM. **Charalambides, Leonidas C.** Vol. 5, no. 1 (August 1984), 57-74.
A SIMULATION ANALYSIS OF DUE DATE ASSIGNMENT RULES. **Ragatz, Gary L., and Vincent A. Mabert.** Vol. 5, no. 1 (November 1984), 27-39.
A SIMULATION STUDY OF SMOOTHING CONSTANT LIMITS FOR AN ADAPTIVE FORECASTING SYSTEM. **Flowers, Dale A.** Vol. 1, no. 2 (November 1980), 85-94.
SIMULATION STUDY OF A CLOSED-LOOP JOB SHOP. **Glaser, Roger B., and Michael P. Hottenstein.** Vol. 2, no. 3 (May 1982), 155-166.
A SIMULATION STUDY OF PROCESSING TIME DISPATCHING RULES. **Fry, Timothy D., Patrick R. Philipoom, and John H. Blackstone.** Vol. 7, no. 4 (December 1988), 77-92.
SOME PROBLEMS WITH TRANSIENT PHENOMENA WHEN SIMULATING UNPACED LINES. **Kottas, John F., and Hon-Shiang Lau.** Vol. 1, no. 3 (February 1981), 155-164.
STAFFING AND EQUIPMENT DECISIONS FOR SERVICES: AN EXPERIMENTAL ANALYSIS. **Mabert, Vincent A.** Vol. 6, no. 3 (May 1986), 273-281.
STATIC VS. DYNAMIC PRIORITY RULES FOR CHECK PROCESSING IN MULTIPLE DISPATCH-MULTIPLE BRANCH BANKING. **Mabert, Vincent A.** Vol. 2, no. 3 (May 1982), 187-196.
STOCHASTIC UNPACED LINE DESIGN: A REPLY. **Smunt, Timothy L., and William C. Perkins.** Vol. 8, no. 1 (January 1989), 55-62.
STOCHASTIC UNPACED LINE DESIGN: REVIEW AND FURTHER EXPERIMENTAL RESULTS. **Smunt, Timothy L., and William C. Perkins.** Vol. 5, no. 3 (May 1985), 351-373.
TIME-DEPENDENT DEMAND IN REQUIREMENTS PLANNING: AN EXPLORATORY ASSESSMENT OF THE EFFECTS OF SERIALLY CORRELATED DEMAND SEQUENCES ON LOT-SIZING PERFORMANCE. **Williams, William W., Michael H. Peters, and M.E. Raiszadeh.** Vol. 6, no. 1 (November 1985), 69-85.
TOOLING CONSTRAINTS AND SHOP FLOOR SCHEDULING: A SIMULATION STUDY. **Melnyk, Steven A., Soumen Ghosh, and Gary L. Ragatz.** Vol. 8, no. 2 (April 1989), 69-89.
THE USE OF COST-BASED PRIORITIES IN RANDOM AND FLOW SHOPS. **Scudder, Gary D., and Hoffmann, Thomas R.** Vol. 7, no. 2 (October 1987), 217-232.
THE USE OF SIMULATION IN SYSTEM DESIGN: A CASE STUDY USING THE PRECISION LOCATION STRIKE SYSTEM. **Clark, Thomas D., Jr., Gary W. Arnett, and Nicholas W. Reybrock.** Vol. 6, no. 3 (May 1986), 363-379.
THE USE OF WORKLOAD INFORMATION TO CONTROL JOB LATENESS IN CONTROLLED AND UNCONTROLLED RELEASE PRODUCTION SYSTEMS. **Bertrand, J.W.M.** Vol. 3, no. 2 (February 1983), 79-92.

SOURCING SYSTEMS
see Purchasing/Sourcing Systems

STAFF SCHEDULING
see Work Force/Staff Scheduling

STRATEGY
see Manufacturing Strategy/Policy

WORK CENTER SCHEDULING RULES
see Machine/Work Center Scheduling Rules

WORK FORCE/STAFF SCHEDULING

DEVELOPING MAINTENANCE CRAFT LABOR EFFICIENCY THROUGH AN INTEGRATED PLANNING AND CONTROL SYSTEM: A PRESCRIPTIVE MODEL. **Finch, Byron J., and James P. Gilbert.** Vol. 6, no. 4 (August 1986), 449-459.

A DYNAMIC PROGRAMMING APPROACH TO WORK FORCE SCHEDULING WITH TIME-DEPENDENT PERFORMANCE MEASURES. **Davis, Samuel G., and Edward T. Reutzel.** Vol. 1, no. 3 (February 1981), 165-171.

THE EFFECTS OF WORK FORCE STRATEGIES ON MANUFACTURING OPERATIONS. **Mangiameli, Paul M., and Lee J. Krajewski.** Vol. 3, no.4 (August 1983), 183-196.

AN EVALUATION OF OVERTIME POLICIES FOR A REPAIR SHOP. **Scudder, Gary D.** Vol. 6, no. 1 (November 1985), 87-98.

AN EXPERIMENTAL COMPARISON OF HUMAN SCHEDULERS AND HEURISTIC ALGORITHMS FOR THE TRAVELING SALESMAN PROBLEM. **Hill, Arthur V.** Vol. 2, no. 4 (August 1982), 215-223.

A HEURISTIC PROGRAMMING APPROACH TO THE EMPLOYEE SCHEDULING PROBLEM AND SOME THOUGHTS ON "MANAGERIAL ROBOTS." **Glover, Fred, Claude McMillan, and Randy Glover.** Vol. 4, no. 2 (February 1984), 113-128.

AN INVESTIGATION OF LABOR ASSIGNMENT RULES IN A DUAL-CONSTRAINED JOB SHOP. **Treleven, Mark D., and Douglas A. Elvers.** Vol. 6, no. 1 (November 1985), 51-68.

PERSONNEL SCHEDULING WITH FLEXSHIFT MODELS. **Bailey, James, and John Field.** Vol. 5, no. 3 (May 1985), 327-338.

SHORT INTERVAL FORECASTING OF EMERGENCY PHONE CALL (911) WORK LOADS. **Mabert, Vincent A.** Vol. 5, no. 3 (May 1985), 259-271.

STAFFING AND EQUIPMENT DECISIONS FOR SERVICES: AN EXPERIMENTAL ANALYSIS. **Mabert, Vincent A.** Vol. 6, no. 3 (May 1986), 273-281.

A VACATION SCHEDULING ALGORITHM FOR MILITARY FLIGHT CREWS: MAXIMIZING SATISFACTION WHILE MAINTAINING MILITARY PREPAREDNESS. **Chong, Philip S., and Michael W. Strevell.** Vol. 5, no. 2 (February 1985), 205-211.

WORK FORCE SCHEDULING FOR ARBITRARY CYCLIC DEMANDS. **Bechtold, Stephen E.** Vol. 1, no. 4 (May 1981), 205-214.